"APPROVED FOR RELEASE: 06/20/2000 CIA-RDP86-00513R001031420017-2

MAKAREVICH, V.N.; [illegible]

Some results of [illegible]
Valley. Razved. [illegible]

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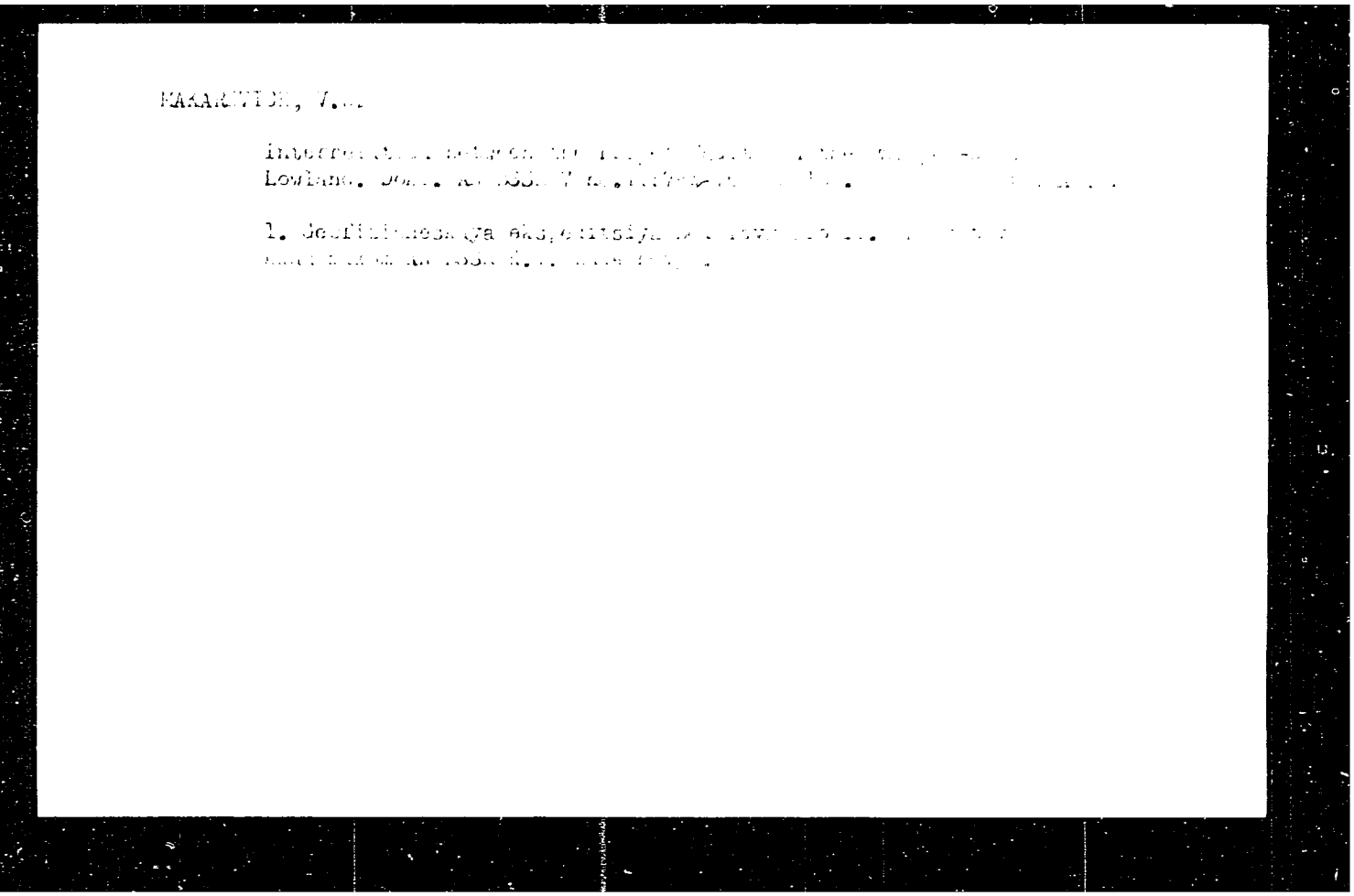

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"APPROVED FOR RELEASE: 06/20/2000 CIA-RDP86-00513R001031420017-2

MAKAREVICH, V.S.

USSR/Forestry - Biology and Typology of the Forest. K-2

Abs Jour : Ref Zhur - Biol., No 3, 1958, 10563

Author : Budyka, S.Kh., Kupreychik, A.F., Makarevich, V.S.
Inst : -
Title : The Effect of Flooding on Forest Growth.

Orig Pub : Sb. nauchn. rabot po lesn. kh-vu. In-t lesa Akad Nauk BelSSR, 1956, No 7, 178-202.

Abstract : As a result of construction of dams on the Berezina and Zel'vyanka Rivers in Belorussia various forests and forest areas adjoining the reservoirs were flooded. Test areas were set up in the flooded zone. It was determined that pines in the III age class grew more slowly when the ground water level was raised above four meters: [sic], birches in the same stage of development proved more resistant to flooding. Alders of the II and III age classes improved their diameter growth when the ground water level was raised to 0.15-0.80 meters, but when it increased to

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USSR/Forestry - Biology and Typology of the Forest. K-2

Abs Jour : Ref Zhur - Biol., No 3, 1958, 10463

within 0.1 meters of the surface or reached the surface (after flooding), alder also grew more slowly. The spruce of the II and III age classes growing on the higher parts of the area, showed an insignificant decline in diameter growth when flooded. In low areas growth increment declined sharply. In the first and second years after flooding young oaks showed more rapid vertical growth, but those situated right at water level gave poorer growth increment. No variations in the course of growth were noticeable in trees situated in places where the water level was lower than 0.7 meter.

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BUDYKA, Sergey Khristoforovich; TIKHONOV, Adam Fomich; Prinimali uchastiye: KOVALEV, N.F.; MAKAREVICH, V.S.; TIMOFEYEV, L., red.izd-va; VOLOKHANOVICH, I., tekhn. red.

[Manual on the timber industry]Lesopromyshlennyi spravochnik. Minsk, Izd-vo Akad. nauk BSSR, 1962. 711 p. (MIRA 15:11)
(Lumbering)

APPROVED FOR RELEASE: 06/20/2000 CIA-RDP86-00513R001031420017-2"

"APPROVED FOR RELEASE: 06/20/2000 CIA-RDP86-00513R001031420017-2

MAKAREVICH, V.S., inzh.; PAVLOVICH, Ye.S., inzh.

Results of DPE-400 electric traction engine operation. Elek. i tepl. tiaga 2 no.3:9-10 Mr '58. (MIRA 11:4)
(Electric locomotives)

APPROVED FOR RELEASE: 06/20/2000 CIA-RDP86-00513R001031420017-2"

"APPROVED FOR RELEASE: 06/20/2000 CIA-RDP86-00513R001031420017-2

MAKAREVICH, Vitaliy Sergeyevich; VEPRIK, Gennadiy Nikolayevich; GERASIMOV, Vasiliy Petrovich; SIMONOV, Veniamin Georgiyevich; GORODETSKOV, A.P., inzh., retsenzent; LYUTISAU, A.G., inzh., retsenzent; ZUBLEVSKIY, S.M., inzh., red.; USENKO, L.A., tekhn. red.

[Detection and elimination of faults in VL22^{22} electric locomotives] Obnaruzhenie i ustranenie neispravnostei na elektrovozakh VL22^{M}. Moskva, Transzheldorizdat, 1962. 127 p. (MIRA 15:11)
(Electric locomotives--Maintenance and repair)

APPROVED FOR RELEASE: 06/20/2000 CIA-RDP86-00513R001031420017-2"

"APPROVED FOR RELEASE: 06/20/2000 CIA-RDP86-00513R001031420017-2

LITVINOV, I.K.; MAKAREVICH, V.S.; SHILNOV, B.A., inzh., retsenzent; ZUBLEVSKIY, S.M., inzh., red.; VOROB'YEVA, L.V., tekhn.red.

[Organization of the technical inspection of d.c. locomotives; experience of the Western Siberia Railroad] Organizatsiia tekhnicheskogo osmotra elektrovozov postoiannogo toka; opyt Zapadno-Sibirskoi dorogi. Moskva, Transzheldorizdat, 1963. 95 p. (MIRA 16:12)

(Electric locomotives)

APPROVED FOR RELEASE: 06/20/2000 CIA-RDP86-00513R001031420017-2"

"APPROVED FOR RELEASE: 06/20/2000 CIA-RDP86-00513R001031420017-2

LOPATIN, A.I. (Ussuriysk); MAKAREVICH, V.T. (Ussuriysk)

Late results of treatment of chronic nongonorrheal prostatitis with paraprostatic novocaine-antibiotic block. Urologiia no.6:38-41 '64. (MIRA 18:11)

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"APPROVED FOR RELEASE: 06/20/2000 CIA-RDP86-00513R001031420017-2

MONFRED, Yu.B., kand. tekhn. nauk, red.; RUBANENKO, B.R., glav. red.; ROZANOV, N.P., zam. glav. red.; ONUFRIYEV, I.A., red.; YUDIN, Ye.Ya., red.; NASONOV, V.N., red.; ISIDOROV, V.V., red.; MAKARICHEV, V.V., red.; POLUBNEVA, V.I., inzh. red.

[Improving the technology of building large-panel apartment houses] Sovershenstvovanie tekhnologii krupnopanel'nogo domostroeniia. Moskva, TSentr. biuro tekhn. informatsii in-ta organizatsii, mekhanizatsii i tekhn. pomoshchi stroit.,1962. 51 p. (MIRA 16:8)

(Apartment houses)

APPROVED FOR RELEASE: 06/20/2000 CIA-RDP86-00513R001031420017-2"

"APPROVED FOR RELEASE: 06/20/2000 CIA-RDP86-00513R001031420017-2

MAKAREVICH, V.V.

Using offset printing for manufacturing scales and other parts of instruments. Avtom.i prib. no.1:63-66 Ja-Mr '63. (MIRA 16:3)

1. Kiyevskiy zavod tochnykh elektropriborov.
(Instrument manufacture) (Offset printing)

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"APPROVED FOR RELEASE: 06/20/2000 CIA-RDP86-00513R001031420017-2

MAKARICHEV, V.V., kand. tekhn. nauk; MILEYKOVSKAYA, K.M., kand. tekhn. nauk; TEMKIN, L.Ye., inzh., nauchn. red.; ZUBKOVA, M.S., red.izd-va; MIKHEYEVA, A.A., tekhn. red.

[Study of reinforced elements of cellular concrete] Issledovanie armirovannykh konstruktsii iz iacheistykh betonov. Moskva, Gosstroiizdat, 1963. 98 p. (MIRA 17:1)

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"APPROVED FOR RELEASE: 06/20/2000 CIA-RDP86-00513R001031420017-2

L 44219-66

ACC NR: AP6017997 (A) SOURCE CODE: UR/0413/66/000/010/0106/0106

INVENTOR: Kovalev, V. A.; Pobozhiy, A. M.; Bolvakin, Yu. P.; Makarevich, V. Ya.; Rumyantsev, A. V.

14
5

ORG: none

TITLE: Flexible suspension braeket. Class 47, No. 181907. [announced by the Special Design Office for Mining Equipment (Spetsial' noye konstruktorskoye byuro gornoobogatitel' nogo oborudovaniya)]

SOURCE: Izobreteniya, promyshlennyye obraztsy, tovarnyye znaki, no. 10, 1966, 106

TOPIC TAGS: ~~bracket,~~ suspension bracket, ~~flexible bracket~~ handtool

ABSTRACT: An Author Certificate has been issued for a flexible suspension bracket consisting of a stationary and a moving part, with a shock absorber between them, and a clamp bolt. To facilitate simultaneous vertical and angular movements of the

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L 44218-66

ACC NR: AP6017997

moving part, paired knife-edges are mounted beneath the moving part on top of the stationary part. [KP]

SUB CODE: 13/ SUBM DATE: 19Feb65/

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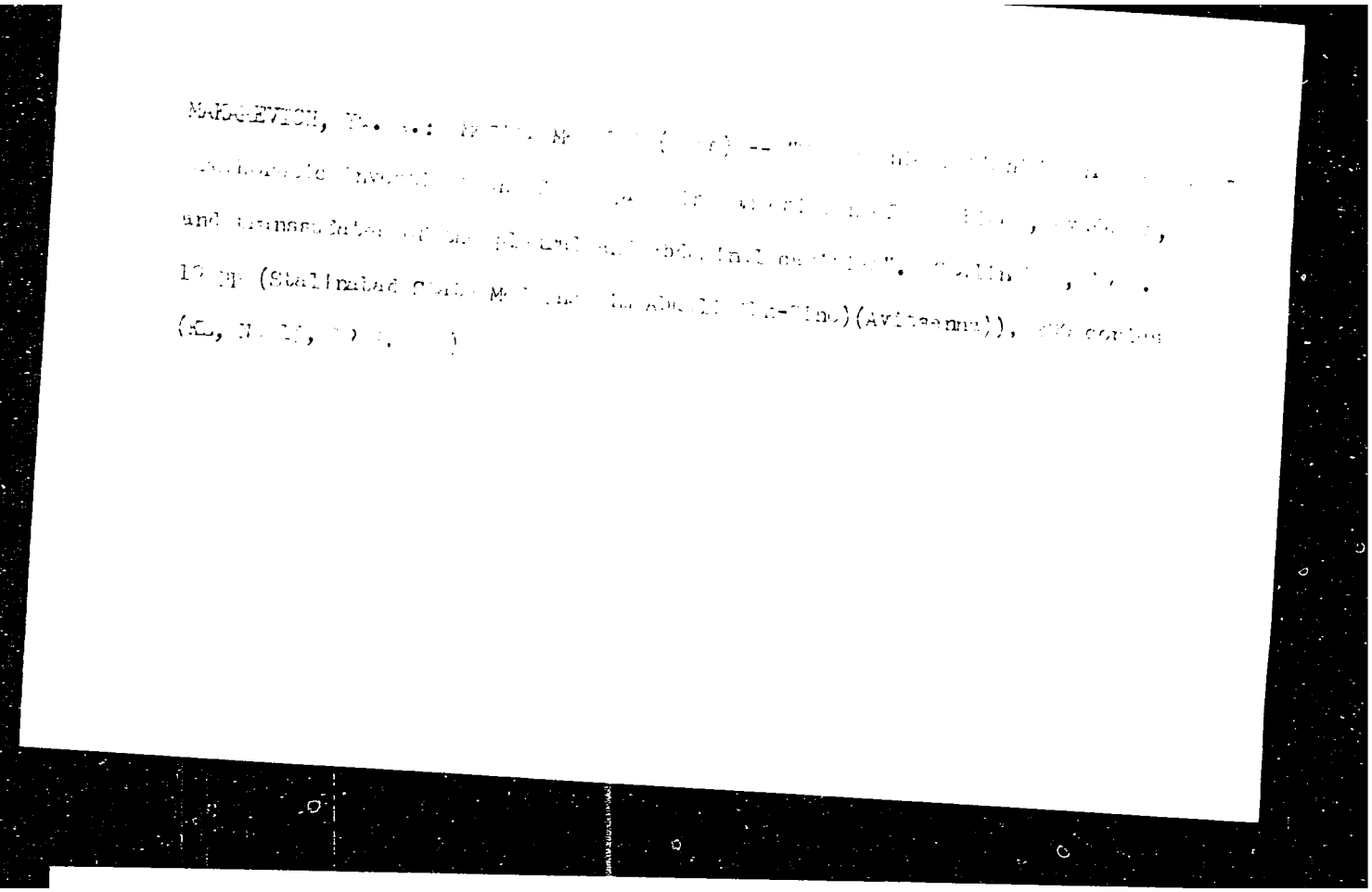

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"APPROVED FOR RELEASE: 06/20/2000 CIA-RDP86-00513R001031420017-2

MANSUROV, Kh.Kh., doktor meditsinskikh nauk; MAKAREVICH, Ya.A., kand. meditsinskikh nauk

Lipoproteids, the coefficient of esterification, and the protein composition of blood serum in chronic colitis. Zdrav. Tadzh. 7 no. 2:38-42 Mr-Ap '60. (MIRA 13:10)

1. Iz kafedry gospital'noy terapii (zav. - doktor meditsinskikh nauk Kh.Kh. Mansurov) Stalinabadskogo med.instituta im. Abuali ibni Sino.
(LIPOPROTEINS) (ESTERIFICATION) (BLOOD PROTEINS) (COLITIS)

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"APPROVED FOR RELEASE: 06/20/2000 CIA-RDP86-00513R001031420017-2

MANSUROV, Kh.Kh.; KUTCHAK, S.N.; STAVISKIY, Ya.D.; MAKAREVICH, Ya.A.; AMINDZHANOV, S.A.

Diagnostic significance of intravital liver biopsy. Zdrav. Tadzh. 7 no.5:8-13 '60. (MIRA 13:12)
(LIVER) (BIOPSY)

APPROVED FOR RELEASE: 06/20/2000 CIA-RDP86-00513R001031420017-2"

"APPROVED FOR RELEASE: 06/20/2000 CIA-RDP86-00513R001031420017-2

MAKAREVICH, Ya. A., kand. med. nauk

Clinical evaluation of protein displacements in the blood and exudates in tuberculous exudative pleurisy. Terap. arkh. no.7:79-84 '61. (MIRA 15:2)

1. Iz gospital'noy terapevticheskoy kliniki (zav. - doktor meditsinskikh nauk Kh. Kh. Mansurov) Stalinabadskogo meditsinskogo instituta.

(TUBERCULOSIS) (BLOOD PROTEINS) (PLEURISY)

APPROVED FOR RELEASE: 06/20/2000 CIA-RDP86-00513R001031420017-2"

"APPROVED FOR RELEASE: 06/20/2000 CIA-RDP86-00513R001031420017-2

MAKAREVICH, Ya.A., kand.med.nauk

Some problems in treating chronic ulcerative colitis. Sov. med. 25 no.11:131-133 N '61. (MIRA 15:5)

1. Iz kafedry 1-y gospital'noy terapii (zav. - doktor meditsinskikh nauk Kh.Kh.Mansurov) Stalinabadskogo meditsinskogo instituta (dir. - dotsent Z.P.Khodzhayev).

(COLITIS)

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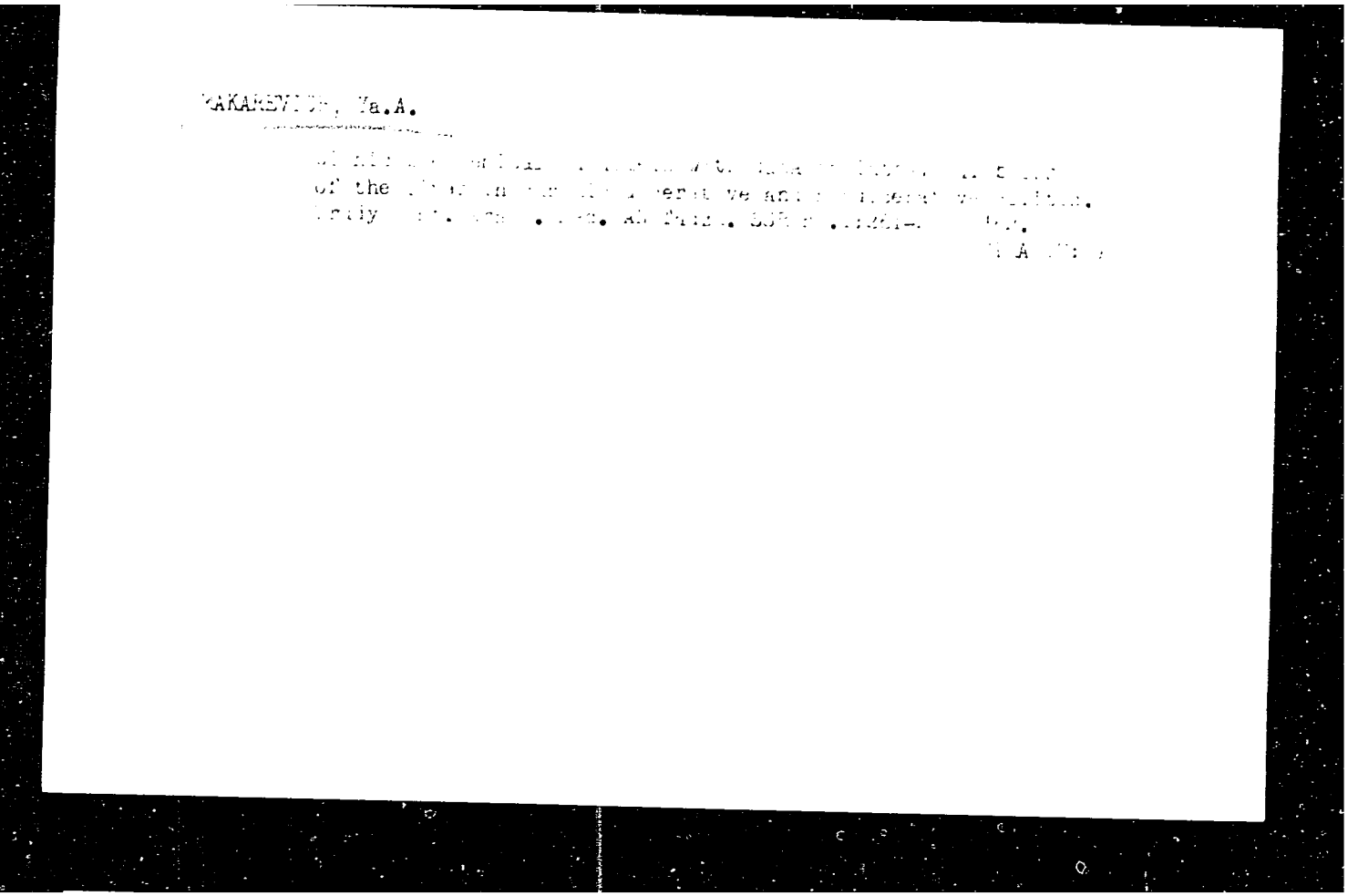

KAKAREV[illegible], Ya.A.

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"APPROVED FOR RELEASE: 06/20/2000 CIA-RDP86-00513R001031420017-2

MAKAREVICH, Ya. A.; ANDREYEVA, O. I.

Case of acute erythromyelosis (Di Guglielmo's syndrome). Zdrav. Tadzh. 9 no.2:35-36 Mr-Ap '62. (MIRA 15:7)

1. Iz kliniki I gospital'noy terapii (zav. - prof. Kh. Kh. Mansurov) Dushanbinskogo meditsinskogo instituta imeni Abuali ibni Sino i klinicheskoy laboratorii Dushanbinskoy gorodskoy bol'nitsy No. 1 (glavnyy vrach - Kh. V. Vakhidov).

(HEMOPOIETIC SYSTEM--DISEASES)

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"APPROVED FOR RELEASE: 06/20/2000 CIA-RDP86-00513R001031420017-2

MYSLYAYEVA, A.V., kand. med. nauk; ZAKHVATKINA, I.A.; SVERDLOV, S.L.; ANDREYEV, I.D., dotsent; GENADINNIK, I.S., kand. med. nauk; KUZNETSOV, A.A., NIKOLAYEVA, G.V., prof.; SILAKOVA, V.V., dotsent; SHAMLYAN, N.P.; FRIDMAN, [illegible].N., dotsent; GORBYLEV, M.N.; SIGAL, Ye.S., zasluzhennyy vrach RSFSR; KHOLOPOVA, L.N.; GABOV, A.A.; LILEYEV, V.A.; MAKAREVICH, Ya.A., kand. med. nauk; SHELEPIN, A.S.; SHMELEV, M.M.; PEVZNER, G.I.; SILAYEV, Yu.S.

Abstracts. Sovet. med. 27 no.6:140-145 Je'63 (MIRA 17:2)

1. Iz kafedry propedevtiki vnutrennikh bolezney i patologicheskoy anatomii Kazakhskogo meditsinskogo instituta (for Myslyayeva, Zakhvatkina). 2. Iz Novozybkovskoy mezhrayonnoy bol'nitsy Bryanskoy oblasti (for. Sverdlov). 3. Iz kafedry normal'noy anatomii II Moskovskogo meditsinskogo instituta (for Andreyev). 4. Iz kafedry obshchey khirurgii i kafedry rentgenologii Chelyabinskogo meditsinskogo instituta (for Genadinnik, Kuznetsov). 5. Iz kafedry propedevticheskoy terapii Ivanovskogo meditsinskogo instituta (for Nikolayeva, Silakova). 6. Iz Lovozerskoy rayonnoy bol'nitsy Murmanskoy oblasti (for Shamlyan). 7. Iz kafedry gospital'noy terapii Bashkirskogo meditsinskogo instituta i terapevticheskogo otdeleniya 8-y bol'nitsy (for

(Continued on next card)

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"APPROVED FOR RELEASE: 06/20/2000 CIA-RDP86-00513R001031420017-2

MAKAREVICH, Ya.A.

Some prospects for the further development of the diagnosis of ulcerative colitis and the evaluation of the lesions of the liver associated with them. Akt. vop. pat. pech. no.2:225-239 '63. (MIRA 18:8)

APPROVED FOR RELEASE: 06/20/2000 CIA-RDP86-00513R001031420017-2"

"APPROVED FOR RELEASE: 06/20/2000 CIA-RDP86-00513R001031420017-2

MAKARENKO, Ya.A.; ISA[illegible]KO, I.P., [illegible]A, Ts. [illegible]INKHA[illegible], Z.I.

Bacteriological and immunological data on the significance of autoimmune mechanisms in dysentery and ulcerative colitis. Zhur. mikrobiol., epid. i immun. 44 no. 1:33-37 Ja '66 (MIRA 19:1)

1. Tadzhikskiy institut kraya i sanitarnoy okhrany AMN SSSR. Submitted January 1965.

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"APPROVED FOR RELEASE: 06/20/2000 CIA-RDP86-00513R001031420017-2

L 05078-67

ACC NR: AP6013316 (N) SOURCE CODE: UR/0413/66/000/008/0136/0136

AUTHORS: Golen', S. I.; Litvin, V. P.; Lutskiy, V. I.; Makarevich, Ya. N.; Shne, F.B.

ORG: none

TITLE: A cargo-handling mast. Class 65, No. 180969

SOURCE: Izobreteniya, promyshlennyye obraztsy, tovarnyye znaki, no. 8, 1966, 136

TOPIC TAGS: ship component, cargo handling equipment

ABSTRACT: This Author Certificate presents a cargo-handling mast on maritime ships. The mast is equipped with a crane arm, a rotating head mounted on the top of the mast, and a device for shifting the crane arm from one working position to the other diametrically located working position. The design permits the crane arm to be shifted without altering its rigging. The device is made in the form of two rotating brackets with yokes and with an intermediate pivot (see Fig. 1). The yokes are fastened to the lower part of the mast.

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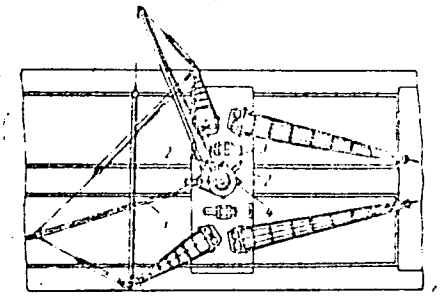

Fig. 1. 1 - crane arm; 2 - brackets; 3 - intermediate pivot; 4 - pivot

Orig. art. has: 1 figure.

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NIKOLAYEV, D.D.; ISKRA, G.S.; MEL'NICHENKO, A.F.; MAKAREVICH, Yu.S.; STARIKOV, A.A.; FOMOVSKIY, V.A.

Mechanization of the operations in selecting and preparing coal samples from railroad cars in the Gorlovka Coke and Chemical Plant. Koks i khim. no.2:6-10 '63. (MIRA 16:2)

1. Ukrinsugol' (for Nikolayev). 2. Gorlovskiy koksokhimicheskiy zavod (for Iskra, Mel'nichenko). 3. Dongiprouglemash (for Markarevich, Starikov, Fomovskiy).
(Gorlovka--Coke industry--Equipment and supplies)

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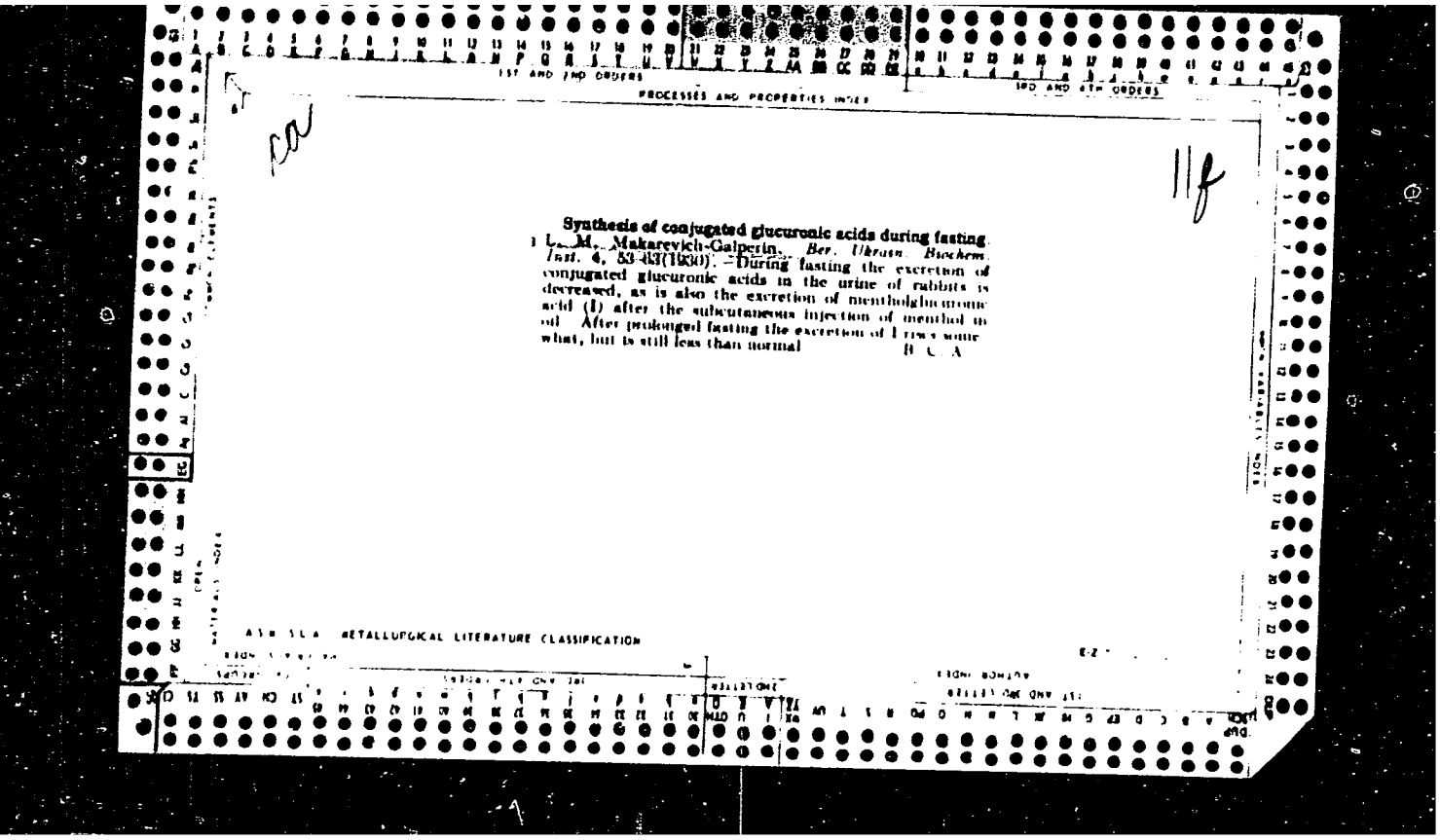

Synthesis of conjugated glucuronic acids during fasting. L. M. Makarevich-Galperin. *Ber. Ukrain. Biochem. Inst.* 4, 53-63(1930). —During fasting the excretion of conjugated glucuronic acids in the urine of rabbits is decreased, as is also the excretion of menthylglucuronic acid (I) after the subcutaneous injection of menthol in oil. After prolonged fasting the excretion of I rises somewhat, but is still less than normal. B. C. A.

METALLURGICAL LITERATURE CLASSIFICATION

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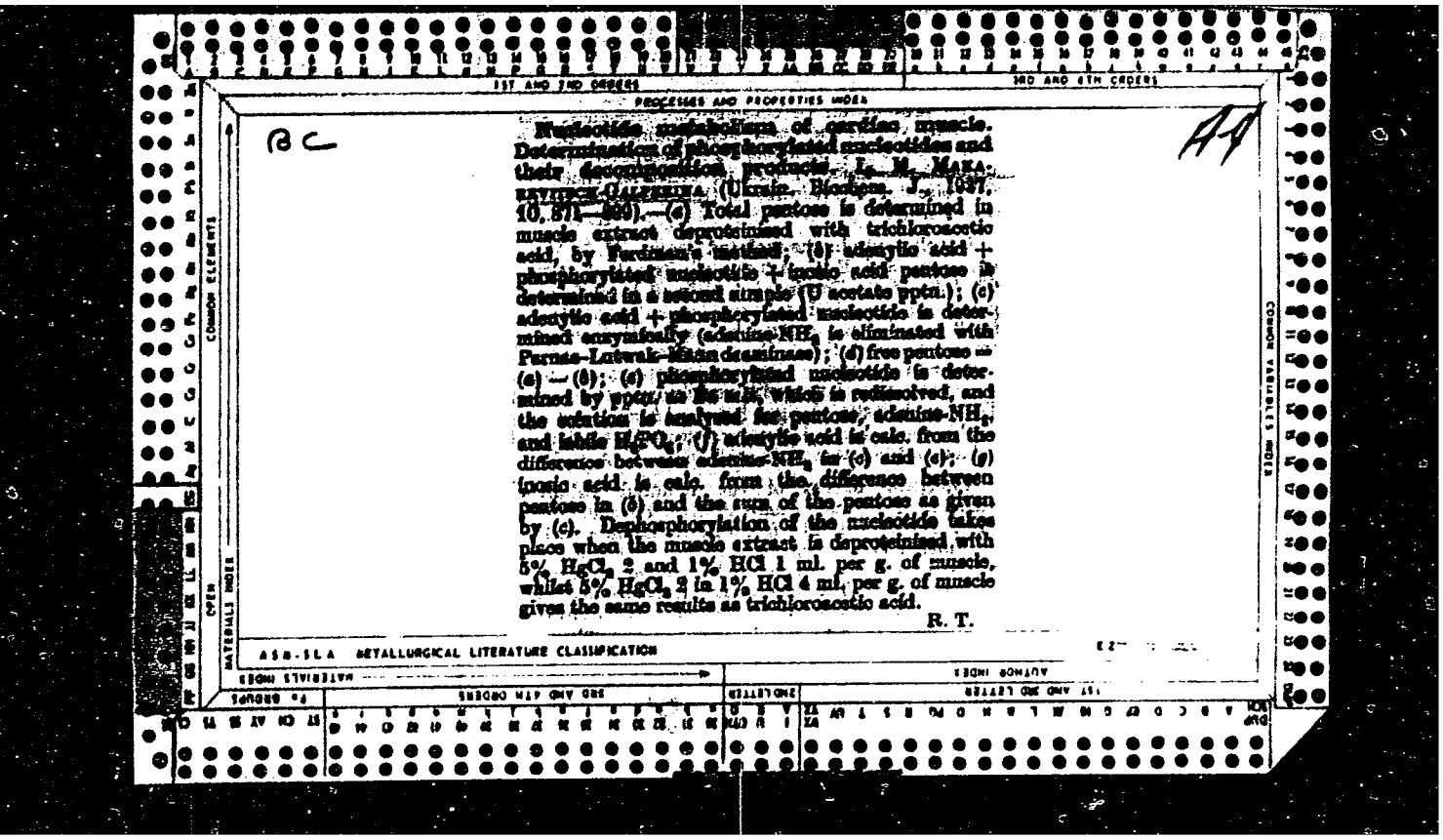

BC

AA

Nucleotide metabolism of cardiac muscle. Determination of phosphorylated nucleotides and their decomposition products. I. M. MAKAREVICH-GALEEVSKAYA (Ukrain. Biokhim. J., 1937, 10, 871—899).—(a) Total pentose is determined in muscle extract deproteinised with trichloroacetic acid, by Furdman's method; (b) adenylic acid + phosphorylated nucleotide + inosic acid pentose is determined in a second sample (U acetate pptn.); (c) adenylic acid + phosphorylated nucleotide is determined enzymically (adenine-NH_2 is eliminated with Parnas-Lotwak-Mann deaminase); (d) free pentose = (a) — (b); (e) phosphorylated nucleotide is determined by pptn. as Ba salt, which is redissolved, and the solution is analysed for pentose, adenine-NH_2, and labile H_3PO_4; (f) adenylic acid is calc. from the difference between adenine-NH_2 in (c) and (e); (g) inosic acid is calc. from the difference between pentose in (b) and the sum of the pentose as given by (c). Dephosphorylation of the nucleotide takes place when the muscle extract is deproteinised with 5% $HgCl_2$ 2 and 1% HCl 1 ml. per g. of muscle, whilst 5% $HgCl_2$ 2 in 1% HCl 4 ml. per g. of muscle gives the same results as trichloroacetic acid.

R. T.

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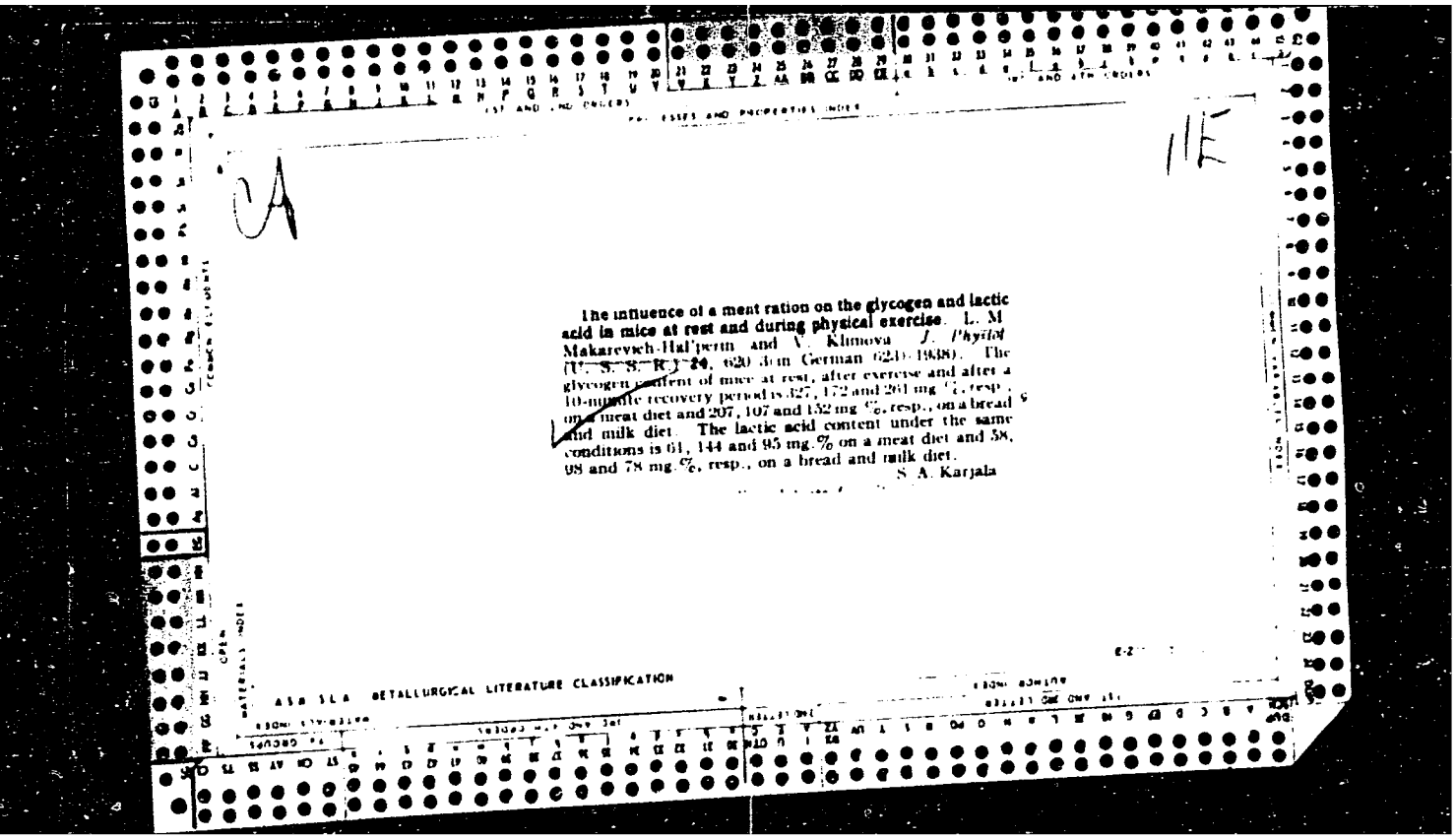

The influence of a meat ration on the glycogen and lactic acid in mice at rest and during physical exercise. L. M. Makarevych-Hal'perin and V. Klimova. *J. Physiol. (U.S.S.R.)* **24**, 620-3 in German (24) (1938). The glycogen content of mice at rest, after exercise and after a 10-minute recovery period is 327, 172 and 261 mg. %, resp., on a meat diet and 207, 107 and 152 mg. %, resp., on a bread and milk diet. The lactic acid content under the same conditions is 61, 144 and 95 mg. % on a meat diet and 58, 98 and 78 mg. %, resp., on a bread and milk diet.

S. A. Karjala

ASM SLA METALLURGICAL LITERATURE CLASSIFICATION

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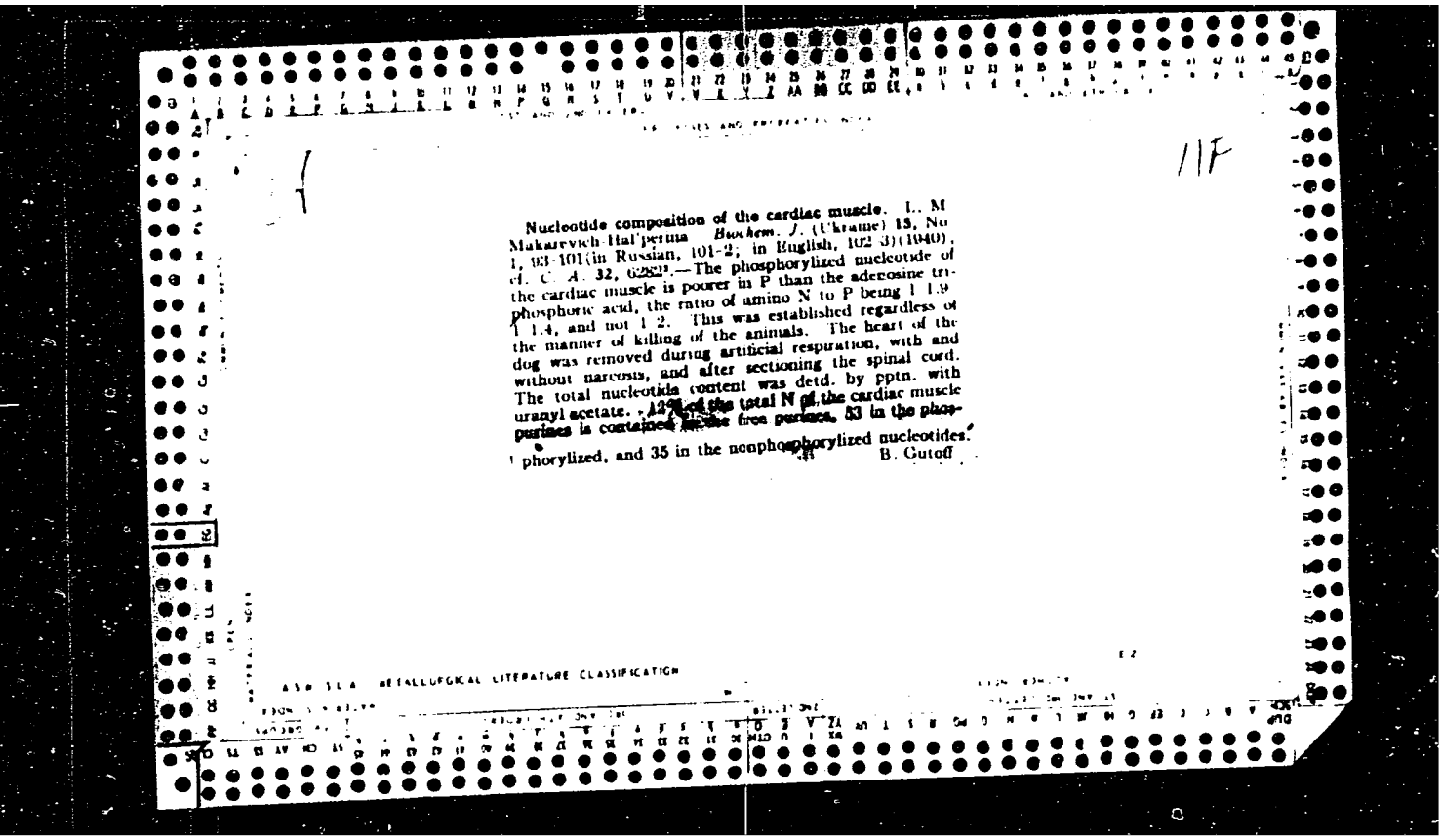

Nucleotide composition of the cardiac muscle. L. M Makarevich-Hal'perina *Biochem. J.* (Ukraine) 15, No 1, 93-101 (in Russian, 101-2; in English, 102-3) (1940). cf. C. A. 32, 6282[9].—The phosphorylated nucleotide of the cardiac muscle is poorer in P than the adenosine triphosphoric acid, the ratio of amino N to P being 1 1.9 1 1.4, and not 1 2. This was established regardless of the manner of killing of the animals. The heart of the dog was removed during artificial respiration, with and without narcosis, and after sectioning the spinal cord. The total nucleotide content was detd. by pptn. with uranyl acetate. 12% of the total N of the cardiac muscle purines is contained in the free purines, 53 in the phosphorylized, and 35 in the nonphosphorylized nucleotides.

B. Gutoff

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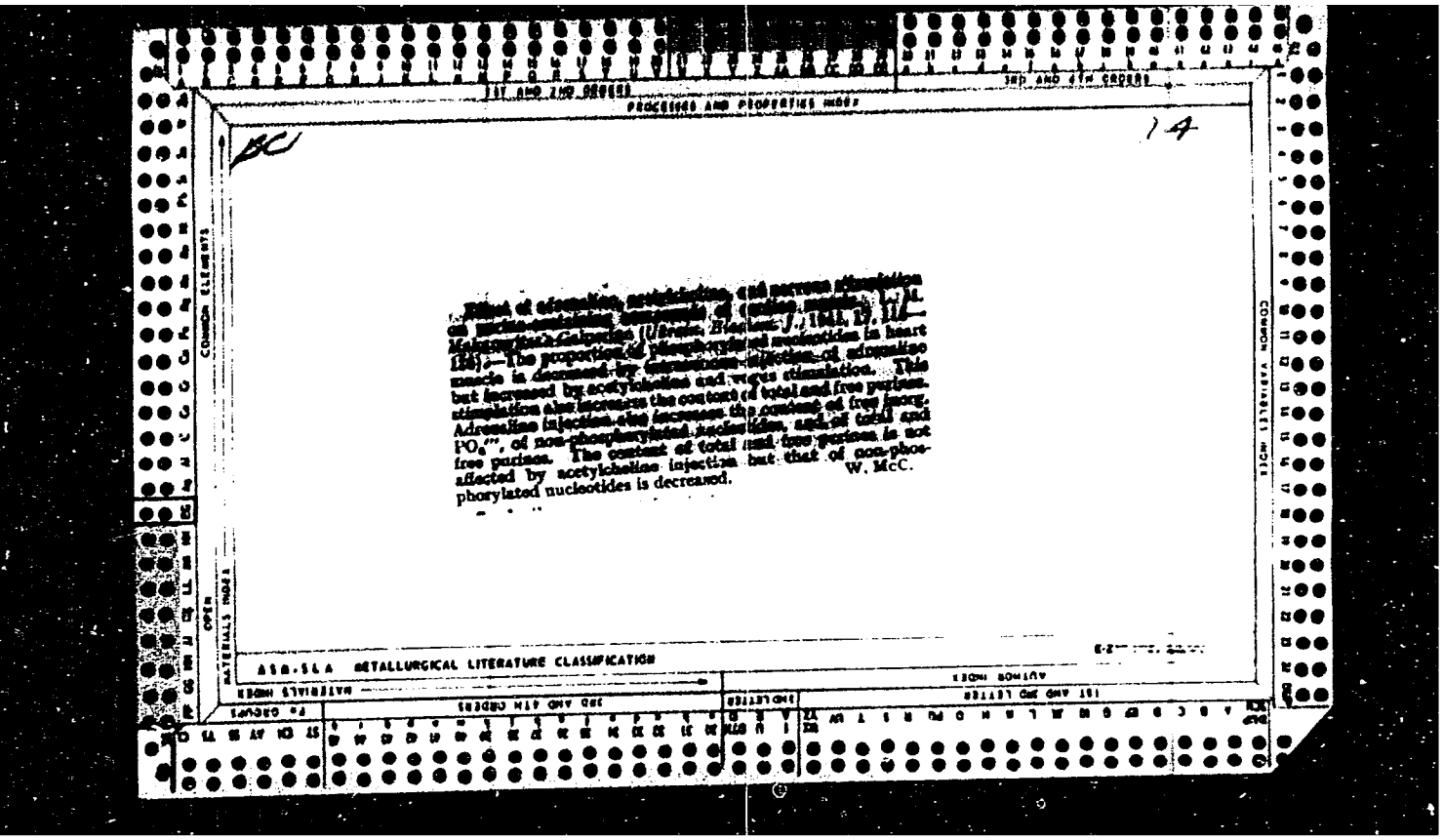

Effect of stimulation, acetylcholine, and nervous stimulation on various constituents, especially of [illegible] muscle. Makoto Kinoshita (Ukraine, Biochem. J., 1941, 17, 112–138).—The proportion of phosphorylated nucleotides in heart muscle is decreased by continuous injection of adrenaline but increased by acetylcholine and vagus stimulation. This stimulation also increases the content of total and free purines. Adrenaline injection also increases the content of free inorg. PO_4''', of non-phosphorylated nucleotides, and of total and free purines. The content of total and free purines is not affected by acetylcholine injection but that of non-phosphorylated nucleotides is decreased.

W. McC.

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MAKAREVICH-GAL'PERINA, L. M.

(1)

Chemical Abstracts
Vol. 48 No. 5
Mar. 10, 1954
Biological Chemistry

Action of antimalarials in denaturation of protein. I. L. M. Makarevich-Gal'perina and R. B. Bosis (Kharkov Pharm. Inst.). *Ukrain. Biokhim. Zhur.* 22, 445-54(1950) (In Ukrainian with Russian summary).—Denaturation of proteins by antimalarials is of interest in explaining the mechanism of antimalarial action in the animal organism. Denaturation was judged by the no. of sulfhydryl groups, expressed as percentage of cysteine. The SH groups were detd. by the method of Mirsky (*C.A.* 36, 104[1]), as modified by Tsiperovich and A. L. Loseva (*C.A.* 46, 8173*i*). Protein was sepd. from egg albumen by the method of Baranowski (*C.A.* 35, 3281[8]) as improved by Strachitskii and Kologrivova (*C.A.* 41, 2761*h*). Quinine and paludrine are approx. equally effective as denaturing agents; they are stronger denaturing agents than is urea. Denaturing action of paludrine does not increase appreciably with time up to 20 hrs. 4-(4-Diethylamino-1-methylbutylamino) - 6-methoxyquinoline and 4-(4-diethylamino-1-methylbutylamino) - 6 - methoxyquinaldine do not denature the protein from egg albumen. C. F. H.

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Makarevich-Gal'perin, L M

NATANZON, A.M.; MAKAREVICH-GAL'PERIN, L.M.

Lipase in chronic tonsillitis. Vest. otorinolar., Moskva 14 no. 3:56-58 May-June 1952. (CIML 22:4)

1. Professors. 2. Of the Clinic for Diseases of the Ear, Throat, and Nose, Khar'kov Medical Institute and of the Department of Biochemistry of Khar'kov Pharmaceutic Institute.

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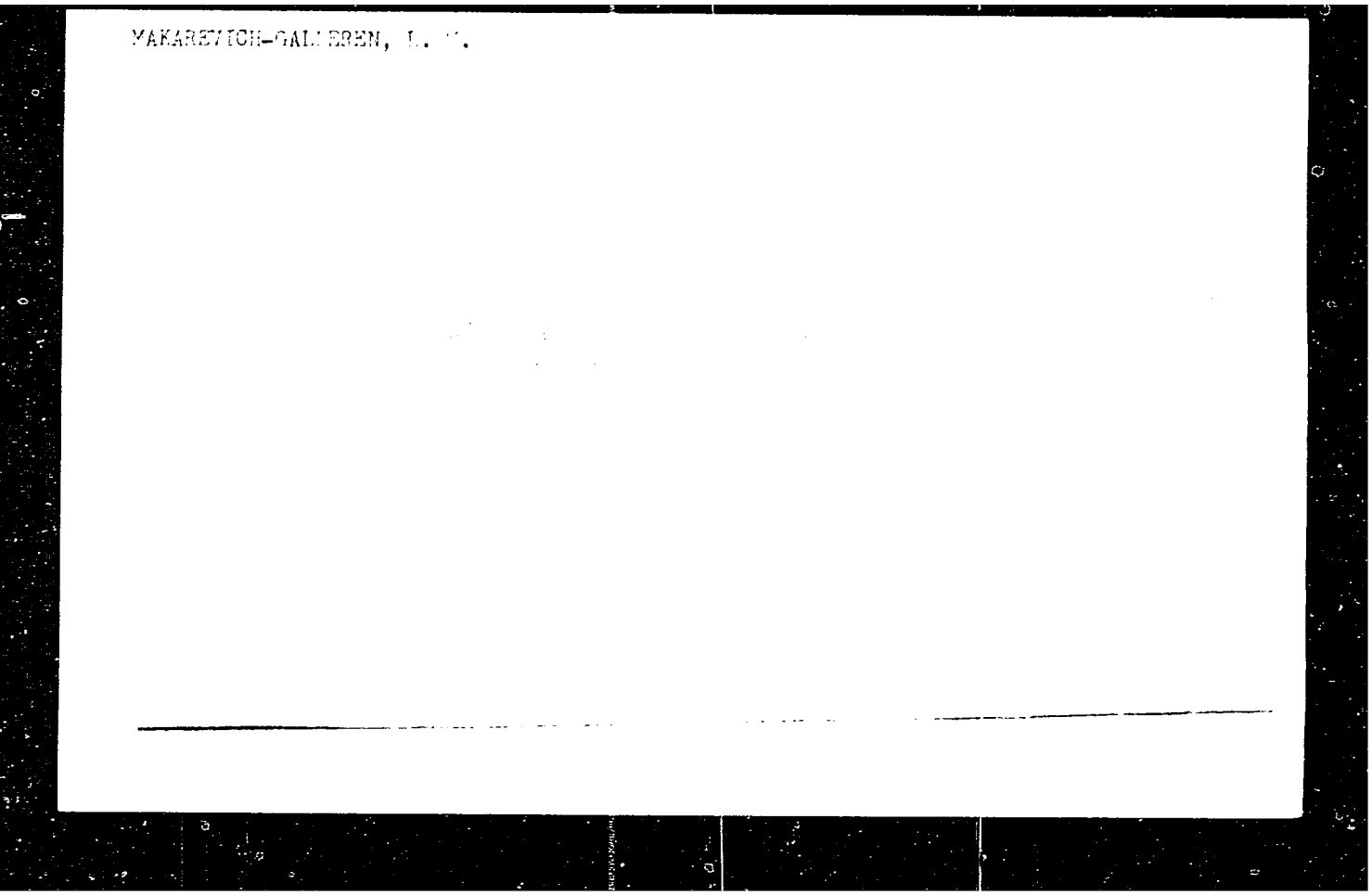

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MAKAREVICH-GAL'PERIN, L. M.

USSR

The effect of volatile oils and of some of their fractions on the catalase of paramecia and helminths (Ascaris suum). L. M. Makarevich-Gal'perin and V. F. Dimaeva (Kharkov Pharm. Inst.). *Ukrain. Biokhim. Zhur.* 26, 454-8(in Russian, 459)(1954).—Masses of ground paramecia and helminths are rich in catalase activity, which is completely suppressed by the dill oil fraction, carvone, but not by any fraction of some other volatile oils. Carvone slightly affects the dehydrase activity of paramecia and helminths. Paramecia easily survive the normally lethal dose of carvone in the presence of anise, dill, or pine oil and 0.1% of carvone completely arrests the catalase activity of paramecia or helminths, but it requires 30–46% of anise oil and even more of the other oils to counteract the catalase-inhibitive influence of 0.1% carvone. Carvone possesses only very slight protistocide activity. B. S. Levine

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MAKAREVICH-GALPERIN, L. M.

4999. Effect of ventricular fibrillation on chemical composition of heart muscle of dog. L. M. Makarevich-Galperin. *Vop. med. Khim.*, 1955, t. 215—217. *Referat. Zh. Biol.*, 1956. Abstr. No. 50,739.—In the dog under hexanol anesthesia, the chest was opened, the heart was freed from the pericardium, and cardiac muscle electrodes were applied. Within 1 min. after commencement of fibrillation the heart was quickly removed and plunged into liquid air. To obtain recovery of cardiac activity KCl and $CaCl_2$ was injected i.v. 2 min. after the beginning of fibrillation and simultaneously the heart was massaged. Within 3 min. after the beginning of contraction the heart was removed and plunged into liquid air. The amount and nature of phosphorylated nucleotides did not change with fibrillation, the amount of free and total purines was increased, the amount of glycogen was lowered. On recovery of the cardiac activity the amount of phosphorylated nucleotides was increased, the amount of phosphate increased, the amount of free and total purines diminished, and the amount of glycogen approximated to the control values. (Russian)

D. H. Shkvin

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MAKAREVICH-GAL'PERIN, L.M.

Chem Org. Chem.

V The effect of volatile (ethereal) oils and of some of their fractions on the dehydrogenase activity of paramecia and ascarids (Ascaris suum). L. M. Makarevich-Gal'perin and V. F. Dunaeva (Pharm. Inst., Kharkov). *Ukrain. Biokhim. Zhur.* 27, 197-204(in Russian, 205-6)(1955); cf. MA *C.A.* 49, 9814a.—The protisticide activity and the effect of the following volatile oils and their fractions on the dehydrogenase function of paramecia and helminths were studied: oil of fir, eucalyptus, dill, carrot, anise, menthol from peppermint, caraway and coriander as well as the fractions menthol and menthone of menthol oil from peppermint, carvone and limonene of dill oil and linalool of coriander oil. To varying degrees all produced arresting effects on the general dehydrogenases of paramecia and helminths. A relation exists between the dehydrogenase-arresting properties and the protisticide activity for each oil or fraction. The order of their arresting effects on the dehydrogenase of *Paramecium caudatum* was found to be as follows: fir > limonene fraction of dill oil > dill oil > menthol fraction of menthol oil from peppermint > oil of eucalyptus > menthone fraction of menthol oil from peppermint > linalool fraction of coriander oil > oil of peppermint > anise oil > carrot oil > oil of caraway > oil of coriander > carvone fraction of dill oil. The last four were of practically equal arresting intensity. The order of protisticide activity differed somewhat, being: limonene > anise oil > oil of fir > caraway oil > dill oil > oil of eucalyptus > carrot oil > peppermint oil > menthol > menthone > carvone > linalool > coriander. There appears to exist no parallelism between the two functions of the oils and their studied fractions. No parallelism appeared to exist between the effects of the materials tested on the dehydrogenases of the paramecia and the helminth. Thus, in the case of ascarids the order was as follows: dill > fir > limonene > linalool > eucalyptus > menthol oil > menthone (from raisons) > anise > carvone > coriander > caraway > carrot.

B. S. Levine

(1)

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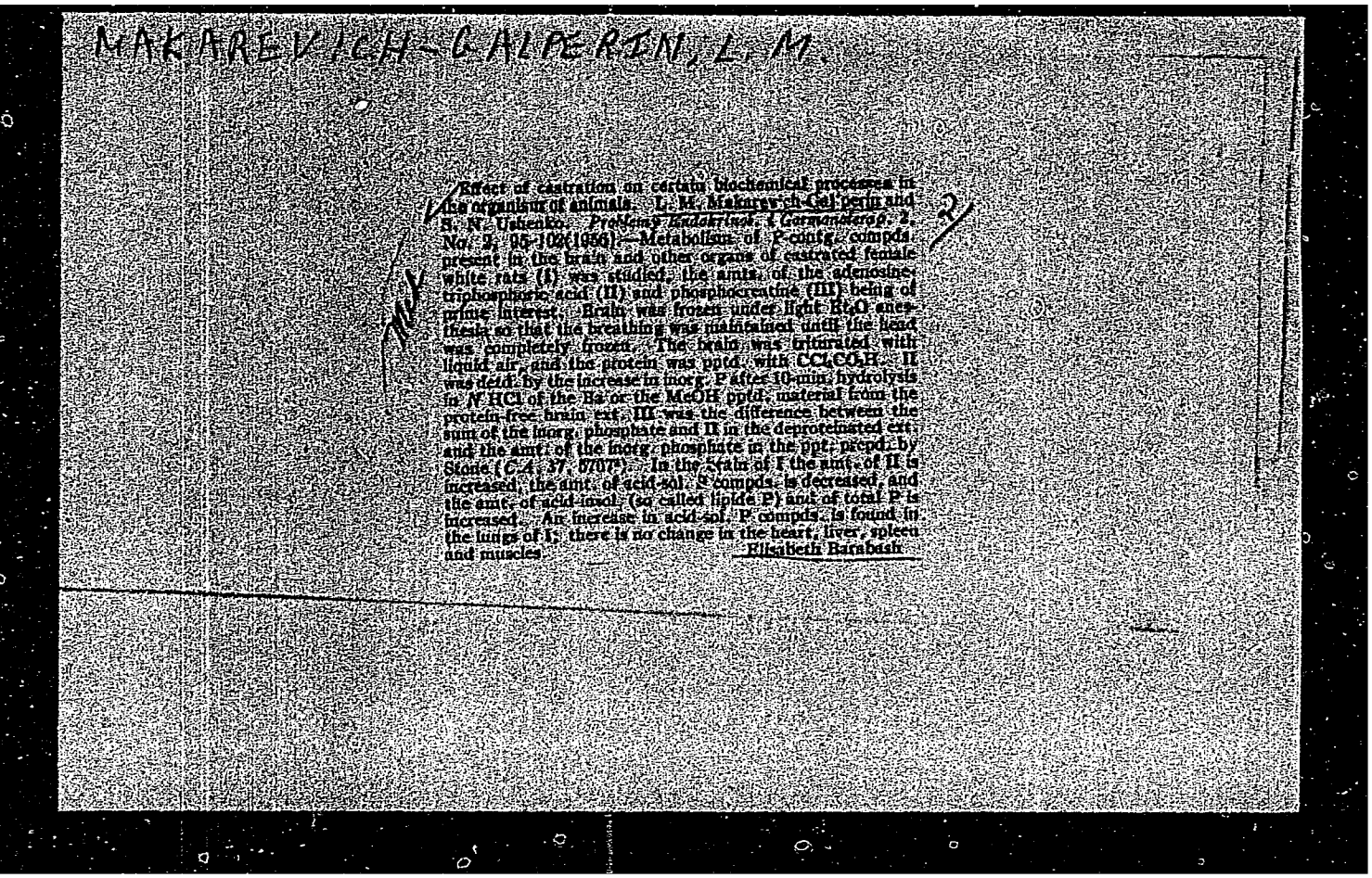

MAKAREVICH-GALPERIN, L. M.

"Effect of castration on certain biochemical processes in the organism of animals. L. M. Makarevich-Galperin and S. N. Usienko. *Problemy Endokrinol. i Gormonoterap.* 2, No. 3, 95-102(1956).—Metabolism of P-contg. compds. present in the brain and other organs of castrated female white rats (I) was studied, the amts. of the adenosine triphosphoric acid (II) and phosphocreatine (III) being of prime interest. Brain was frozen under light Et_2O anesthesia so that the breathing was maintained until the heart was completely frozen. The brain was triturated with liquid air, and the protein was ppted. with CCl_3CO_2H. II was detd. by the increase in inorg. P after 10-min. hydrolysis in N HCl of the Ba or the MeOH ppte. material from the protein-free brain ext. III was the difference between the sum of the inorg. phosphate and II in the deproteinated ext. and the amt. of the inorg. phosphate in the ppt. prepd. by Stone (*C.A.* 37, 9707). In the brain of I the amt. of II is increased, the amt. of acid-sol. P compds. is decreased, and the amt. of acid-insol. (so called lipide P) amt. of total P is increased. An increase in acid-sol. P compds. is found in the lungs of I; there is no change in the heart, liver, spleen and muscles.

Elisabeth Barabash

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"APPROVED FOR RELEASE: 06/20/2000 CIA-RDP86-00513R001031420017-2

MAKAREVICH-GAL'PERIN, E.M.; USHENKO, S.M.

Comparative effect of the female sex hormones folliculin and octestrol on phosphorus metabolism in the brain. Ukr.biokhim.zhur. 28 no.1:79-87 '56. (MLRA 9:7)

1. Farmakoterapevtichniy viddil Ukrains'kogo institutu eksperimental'noy endokrinologii, Khar'kiv.
(HORMONES, SEX) (PHOSPHORUS METABOLISM)
(BRAIN)

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MAKAREVICH-GAL'PERIN, L.M., prof.; USHENKO, S.N. (Khar'kov)

Comparative evaluation of the effect of folliculin and octestrol on the glycogen level in the liver in ovariectomized rats [with summary in English, p.124]. Probl.endok. i gorm. 3 no.4:16-21 Jl-Ag '57. (MIRA 10:12)

1. Iz farmako-terapevticheskogo otdela Ukrainskogo instituta eksperimental'noy endokrinologii (dir. - kandidat meditsinskikh nauk S.V.Maksimov)

(ESTROGENS, effects,
on liver glycogen in ovarioctomized rats, comparison of various prep. (Rus))
(LIVER, metabolism,
glycogen in ovarioctomized rats, eff. of various estrogens (Rus))
(GLYCOGEN, metabolism,
liver, in ovariectomized rats, eff. of various estrogens (Rus))
(CASTRATION, effects,
on liver glycogen in female rats, eff. of various estrogens (Rus))

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MAKAREVICH-GAKPERIN, L.M., prof.; USHENKO, S.N., nauchnyy sotrudnik (Khar'kov)

Relation of ovariectomy to liver glycogen content and to the weight of certain organs in rats [with summary in English]. Probl.endok. i gorm. 4 no.6:8-14 N-D '58. (MIRA 12:2)

1. Iz farmakoterapevticheskogo otdela Ukrainskogo instituta eksperimental'noy endokrinologii (dir. - kand.med.nauk S.V. Maksimov).

(CASTRATION, effects,
on liver glycogen & weight of various organs in female rats (Rus))
(LIVER, metab.
glycogen, eff. of ovariectomy in rats (Rus))
(GLYCOGEN, metab.
liver, eff. of ovariectomy in rats (Rus))

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MAKAREVICH-GAL'PERIN, L.M. [Makarevych-Hal'perin,L.M.], USHENKO, SN. BRESLAVSKIY, A.S. [Breslavs'kyi, A.S.]

Some problems concerning the reaction of the organisms to the effect of thyreostatic compounds [with summary in English]. Ukr.biokhim.zhur. 30 no.5:678-687 '58 (MIRA 11:12)

1. Otdel farmakoterapii i gistofiziologii Ukrainskogo instituta eksperimental'noy endokrinologii, Khar'kov.
(POTASSIUM PERCHLORATE--PHYSIOLOGICAL EFFECT)
(LIVER)
(SPLEEN)

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GENES, S.G.; MAKAREVICH-GAL'PERIN, L.M.; USHENKO, S.N.

Effect of butamide, cyclamide, chlorcyclamide and chlorpropamide on the glycogen content of various tissues. Vop.med.khim. 6 no.5: 469-474 S-O '60. (MIRA 14:1)

1. The Ukrainian Institute of Experimental Endocrinology, Kharkov. (DIABETES) (GLYCOGEN)

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"APPROVED FOR RELEASE: 06/20/2000 CIA-RDP86-00513R001031420017-2

GENES, S.G.; MAKAREVICH-GAL'PERIN, L.M.; USHENKO, S.N.

Effect of cyclamide, chlorcyclamide, chlorpropamide, and butamide on the blood sugar level in rats. Farm.i toks. 23 no.6:535-539 N-D '60. (MIRA 14:3)

1. Ukrainskiy institut eksperimental'noy endokrinologii, Khar'kov.
(BLOOD SUGAR)

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MAKAREVICH-GAL'PERIN, L.M. [Makarevych-Hal'perin, L.M.]; USHENKO, S.N.

Dynamics of changes in the glycogen content of the liver and uterus in ovariectomized rats due to the effect of folliculin and octestrol. Ukr.biokhim.zhur. 32 no.3:404-411 '60.
(MIRA 13:6)

1. Ukrainian Institute of Experimental Endocrinology, Kharkov.
(ESTROGENS) (LIVER--GLYCOGENIC FUNCTION) (UTERUS)

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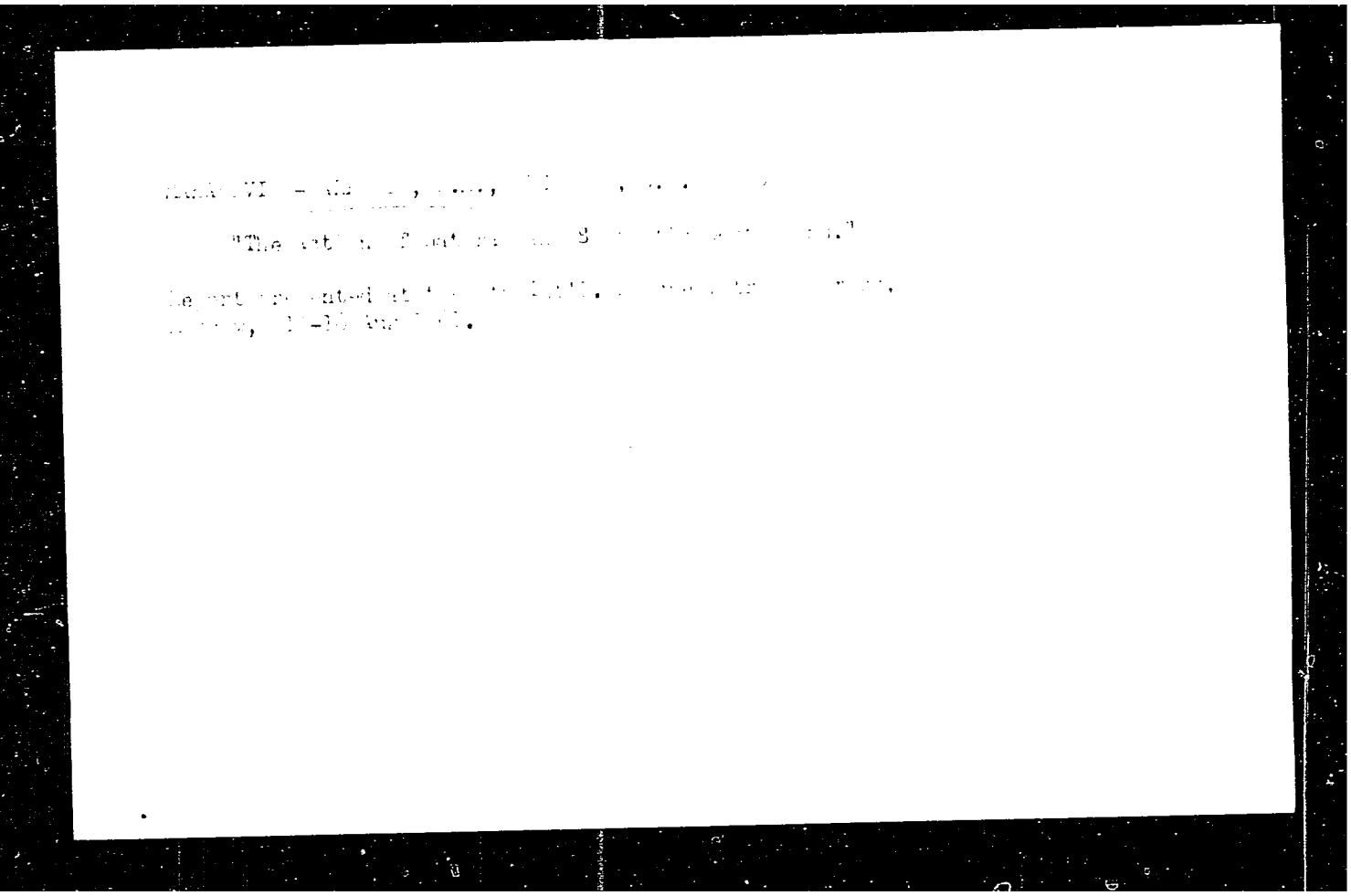

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MAKAREVICH-GALPERIN, L. M., USHENKO, 3. N., and GENES, S. C. (USSR)

"The Effect of Antidiabetic Sulphonamides on the Glycogen Content in the Rat Liver and Muscles in Various Conditions."

Report presented at the 5th International Biochemistry Congress, Moscow, 10-16 Aug 1961

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GENES, S.G.; MAKAREVICH-GAL'PERIN, L.M.; USHENKO, S.N.

Glycogen content of the liver and muscles in rats in relation to time following administration of chlorpropamide and the duration of starvation. Biul. eksp. biol. i med. 52 no.7:65-68 Jl '61. (MIRA 15:3)

1. Iz Ukrainskogo instituta eksperimental'noy endokrinologii (direktor - kand.med.nauk S.V. Maksimov), Khar'kov. Predstavlena deystvitel'nym chlenom AMN SSSR V.V. Parinym.

(GLYCOGEN) (LIVER) (MUSCLES)
(PROPICHAMIDE) (STARVATION)

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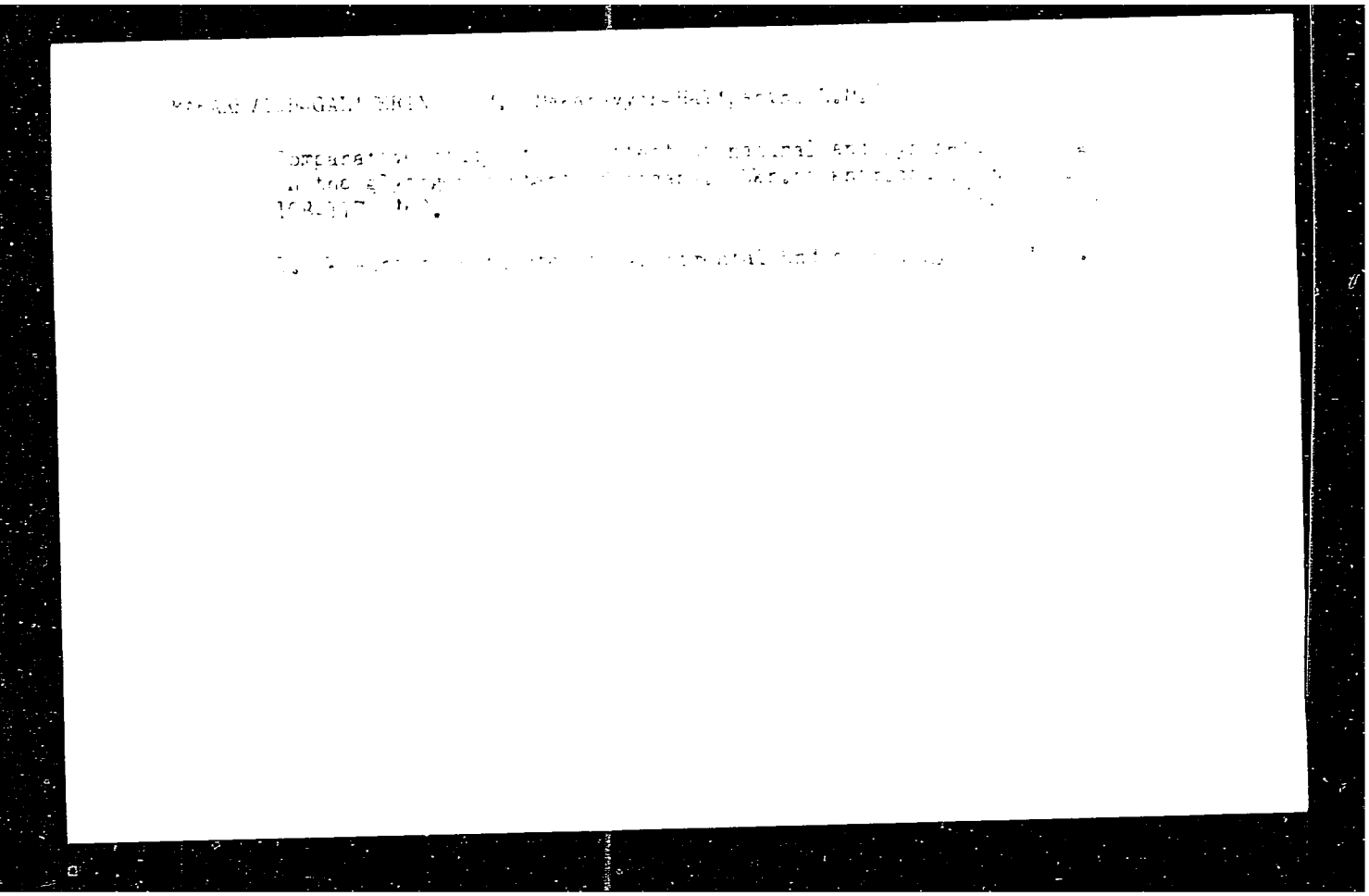

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MAKAREVICH-GAL'PERIN, L.M. [Makarevych, Hal'perin, L.M.]; USHENKO, S.N.

Effect of estrogens in the organism of ovariectomized animals on certain enzymes of carbohydrate metabolsim. Ukr. biokhim. zhur. 34 no.2:245-252 '62. (MIRA 16:11)

1. Ukrainian Institute of Experimental Endocrinology, Kharkov.

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"APPROVED FOR RELEASE: 06/20/2000 CIA-RDP86-00513R001031420017-2

MAKAREVICH-GAL'PERN, L.M.; [illegible], L.N.; [illegible], L.O.

Comparative study of the specific and nonspecific acid [illegible] mono- and diesters of estradiol. Farm. i toks. [illegible] Jl-Ag '62.

1. Ukrainskiy institut eksperimental'noy endokrinologii, Khar'kov.

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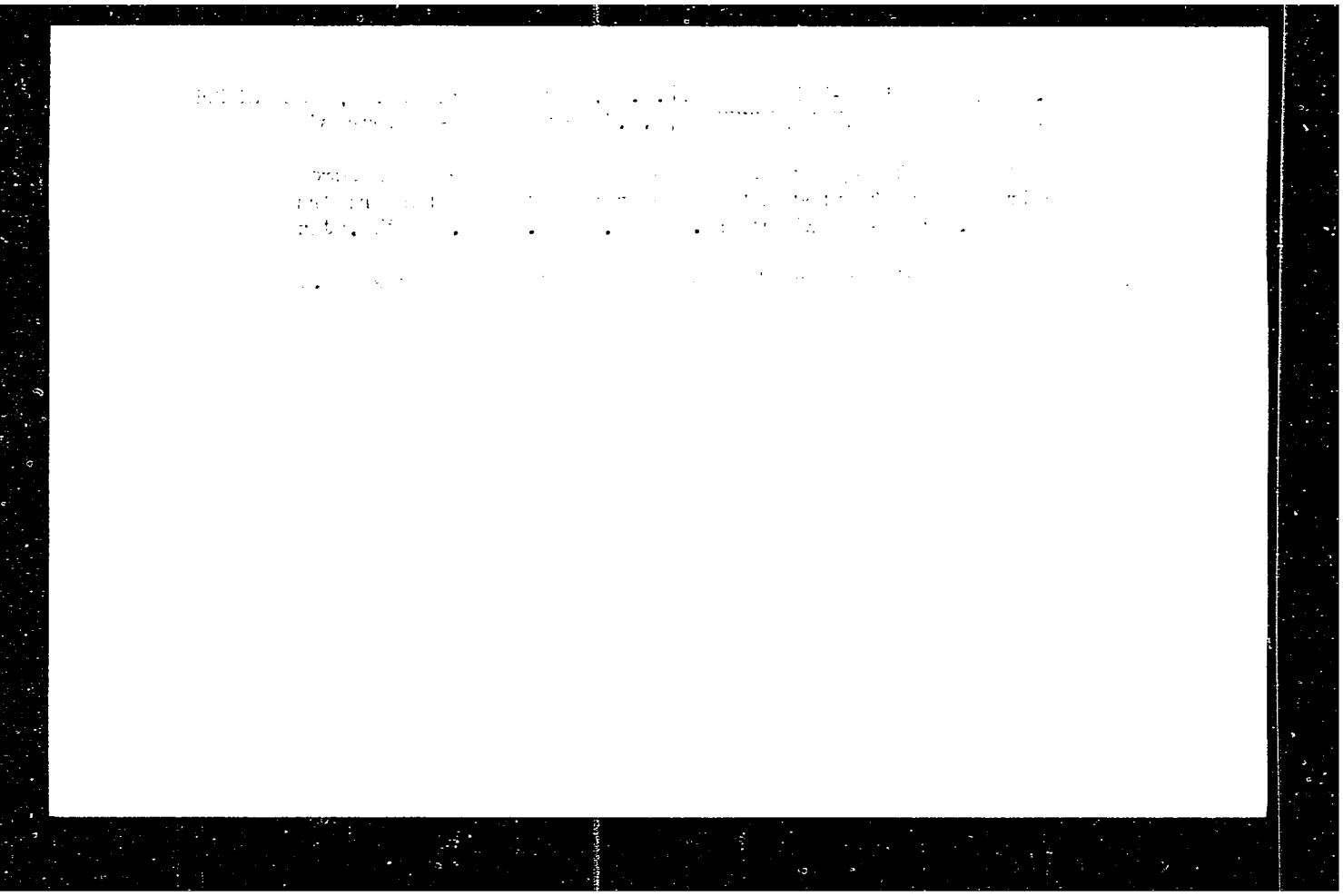

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MAKAREVICH-GAL'PERIN, L.M. [Makarevych-Hal'perin, L.M.]; USHENKO, S.N.

Role of esterification on the action of estradiol and diethylstilbestrol on ovariectomized rats. Ukr. biokhim. zhur. 36 no.2:234-242 '64. (MIRA 17:11)

1. Ukrainian Institute for Experimental Endocrinology, Kharkov.

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GEORGS, S.G.; MAKAREVICH-GALPERIN, L.M.

Relation of the glucose content in the liver and muscles to the duration of the chlorpromamide action and to the length of the fasting of animals. Trudy Ukr. nauch.-issl. inst. eksper. endok. 19:3-8 '64. (MIRA 18:7)

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"APPROVED FOR RELEASE: 06/20/2000 CIA-RDP86-00513R001031420017-2

MAKAREVICH-GAL'PERIN, L.M.; USHENKO, S.N.

Comparative study of the effect of estrogens of the stilbene group on some processes occurring in the organism of ovariectomized rats. Trudy Ukr. nauch.-issl. inst. eksper. endok. 19:299-310 '64. (MIRA 18:7)

1. Iz otdela farmakoterapii Ukrainskogo instituta eksperimental'noy endokrinologii.

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MAKAREVICH-GAL'PERIN, L.M.; USHENKO, S.N.; VOLOVEL'SKIY, L.N.; SELICHENKO, A.G.; SHMUKLOVSKAYA, L.G.

Comparative study of the glycogen content in the liver and uterus under the influence of estrogens of antiblastic action. Trudy Ukr. nauch.-issl. inst. eksper. endok. 19:353-368 '64. (MIRA 18:7)

1. Iz otdela farmakoterapii Ukrainskogo instituta eksperimental'noy endokrinologii.

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GENES, S.G.; MAKAREVICH-GAL'PERIN, L.M.; CHARNAYA, P.M.

Effect of sodium amytal on sugar secretion by the liver and its extraction from the blood by some tissues. Biul.eksp.biol.i med. 58 no.10:70-74 O '64. (MIRA 18:12)

1. Otdel patofiziologii (zav. - prof. S.G.Genes) Ukrainskogo instituta eksperimental'noy endokrinologii (dir. - kand.med. nauk S.V.Maksimov), Khar'kov. Submitted July 9, 1963.

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MAKARYAVICHYUS, V.I. [Makarevicius, V.]; ZHUKAUSKAS, A.A. [Zukauskas, A.]

Potential velocity distribution in a transverse hydrodynamic flow past a single row of cylinders. Trudy AN Lit. SSR Ser. B no.3:183-190 '62. (MIRA 18:3)

1. Institut energetiki i elektroniki AN Litovskoy SSR.

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L 13881-66 EWT(1)/ETC(m)-6/T/EWP(f) LJP(c) AT/WW

ACC NR: AP6004536 SOURCE CODE: UR/0236/65/000/004/0153/0164

AUTHOR: Makaryavichyus, V. I. — Makarevicius, V.; Tamonis, M. M. 87

ORG: Institute of Power and Electrical Engineering, Academy of Sciences, Lithuanian SSR (Institut energetiki i elektrotekhniki Akademii nauk Litovskoy SSR) 84 B

TITLE: The effect of chemical reactions on the diffusional-convective energy transfer

SOURCE: AN LitSSR. Trudy. Seriya B. Fiziko-matematicheskiye, khimicheskiye, geologicheskiye i tekhnicheskiye nauki, no. 4, 1965, 153-164

TOPIC TAGS: heat transfer, mass transfer, ablation, heterogeneous combustion, combustion

ABSTRACT: The effect of a chemical reaction on the diffusional-convective energy transfer was studied by solving the diffusion equation for a heterogeneous reaction taking place in the laminar boundary layer of an isothermal, catalytic surface. A cubic concentration profile was assumed in the boundary layer and an integral method was used for the solution. Solutions were plotted in the form of curves of

$$D = Kc_w'/R_w,$$

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where $Kc'_w = D \cdot \left|\frac{\partial c}{\partial y}\right|_{y=0}$,

vs. the reaction order γ and the Euler number. The latter accounts for the hydrodynamic conditions in energy transfer. The dimensionless parameter D represents the ratio of the limiting reaction rate in a kinetic regime to that in a diffusion controlled regime. R_w is the reaction rate at the wall. The solutions were obtained for a wedge-shaped surface at Euler numbers equal to 0.0904, 0, 1, and 4. D and r were found to be the controlling factors for the process. When the chemical reaction rate depends on the concentration of several components, then the mass transfer rate depends on the initial concentrations and the diffusion coefficients of the reacting components. The resultant heat flow in complex diffusional-convective energy transfer can be generalized by the usual criterial equations when the potential of chemical energy transfer is used to calculate the heat transfer coefficient. [PV]

SUB CODE: 21/ SUBM DATE: 06Jul65/ ORIG REF: 006/ OTH REF: 001
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МАКАРЕВСКАЯ, Ц. Д.

ANSHEVITS, M.Ya.; RODINA, R.I.; SMIDOVICH, V.N.; MAKAREVSKAYA, TS. D.

Repeated blood transfusion following cancer surgery. Klin. med., Moskva 30 no. 6:44-53 June 1952. (CIML 22:5)

1. Of the Therapeutic Clinic (Head -- Prof. M. S. Dul'tsin), Central Order of Lenin Institute of Hematology and Blood Transfusion (Director -- Prof. A. A. Bagdasarov, Corresponding Member AMS USSR), Ministry of Public Health USSR.

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Def. at
Tbilisi State U.

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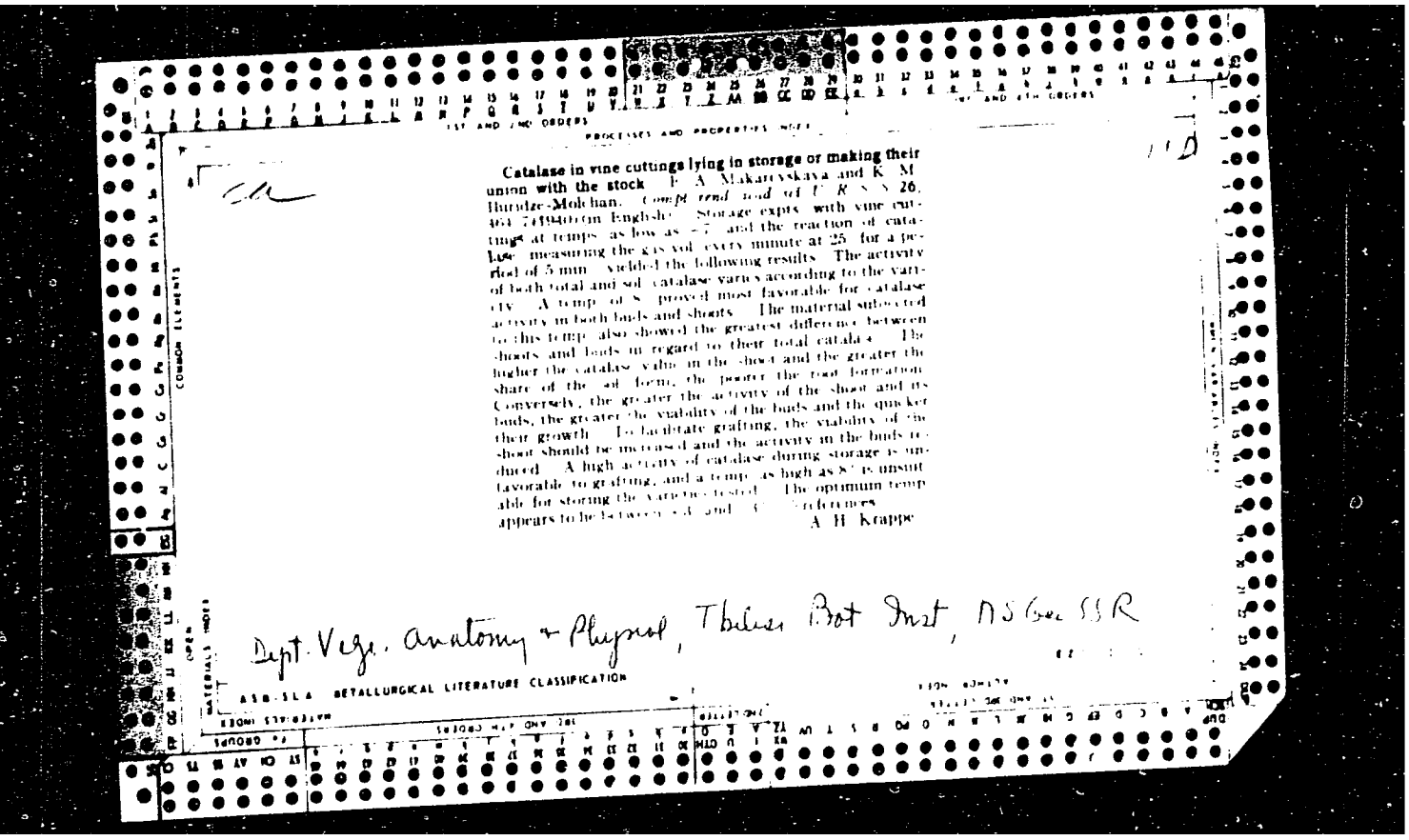

Catalase in vine cuttings lying in storage or making their union with the stock E. A. Makarevskaya and K. M. Burdze-Molchian. *Compt. rend. acad. sci. U. R. S. S.* 26, 464-74(1940)(in English). Storage expts. with vine cuttings at temps. as low as −7° and the reaction of catalase measuring the gas vol. every minute at 25° for a period of 5 min. yielded the following results. The activity of both total and sol. catalase varies according to the variety. A temp. of 8° proved most favorable for catalase activity in both buds and shoots. The material subjected to this temp. also showed the greatest difference between shoots and buds in regard to their total catalase. The higher the catalase value in the shoot and the greater the share of the sol. form, the poorer the root formation. Conversely, the greater the activity of the buds and the quicker buds, the greater the viability of the buds and the quicker their growth. To facilitate grafting, the viability of the shoot should be increased and the activity in the buds reduced. A high activity of catalase during storage is unfavorable to grafting, and a temp. as high as 8° is unsuitable for storing the varieties tested. The optimum temp. appears to be between 0° and 4°. 6 references.

A. H. Krappe

Dept. Vege. Anatomy + Physiol, Tbilisi Bot Inst, USSR

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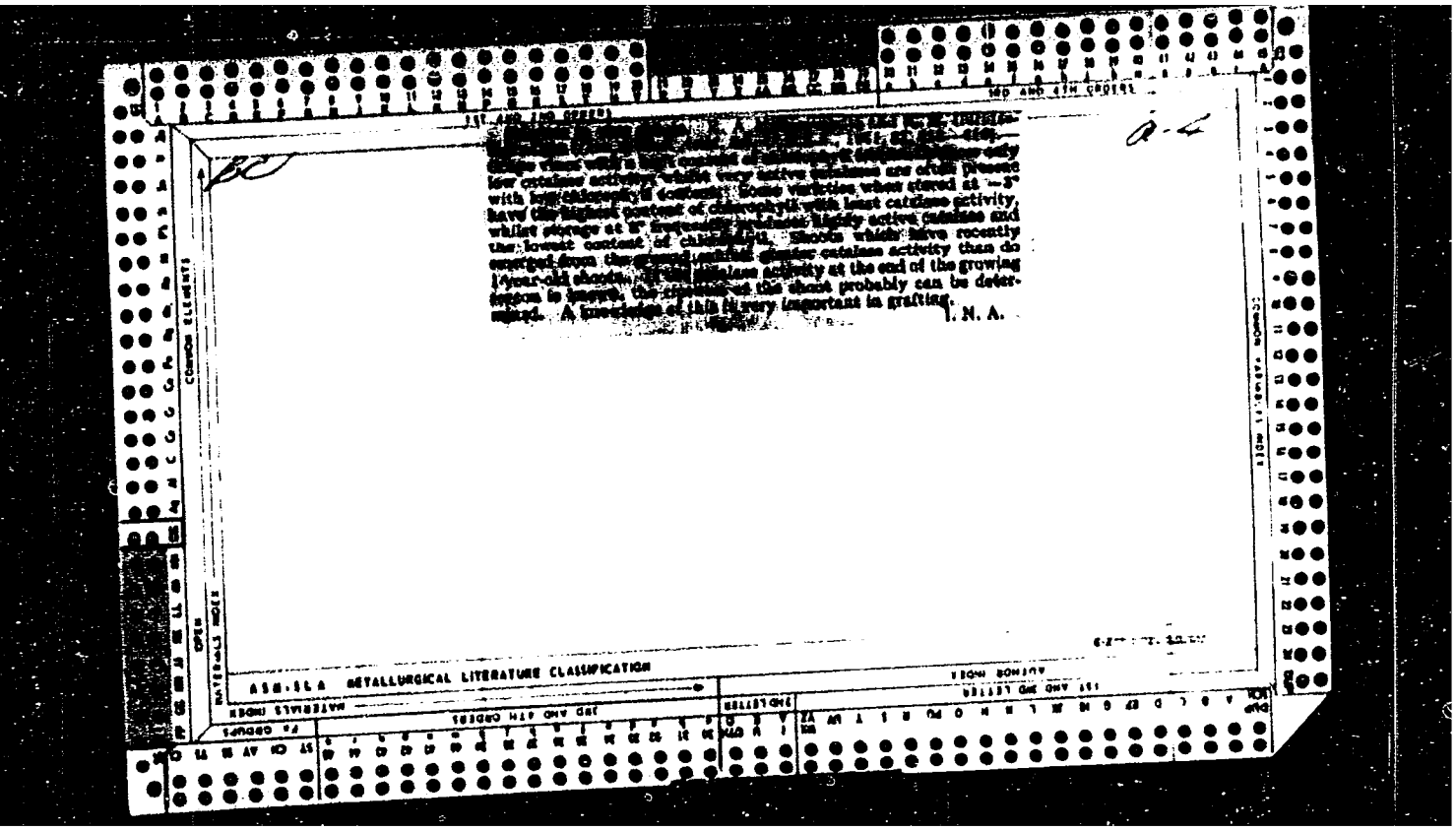

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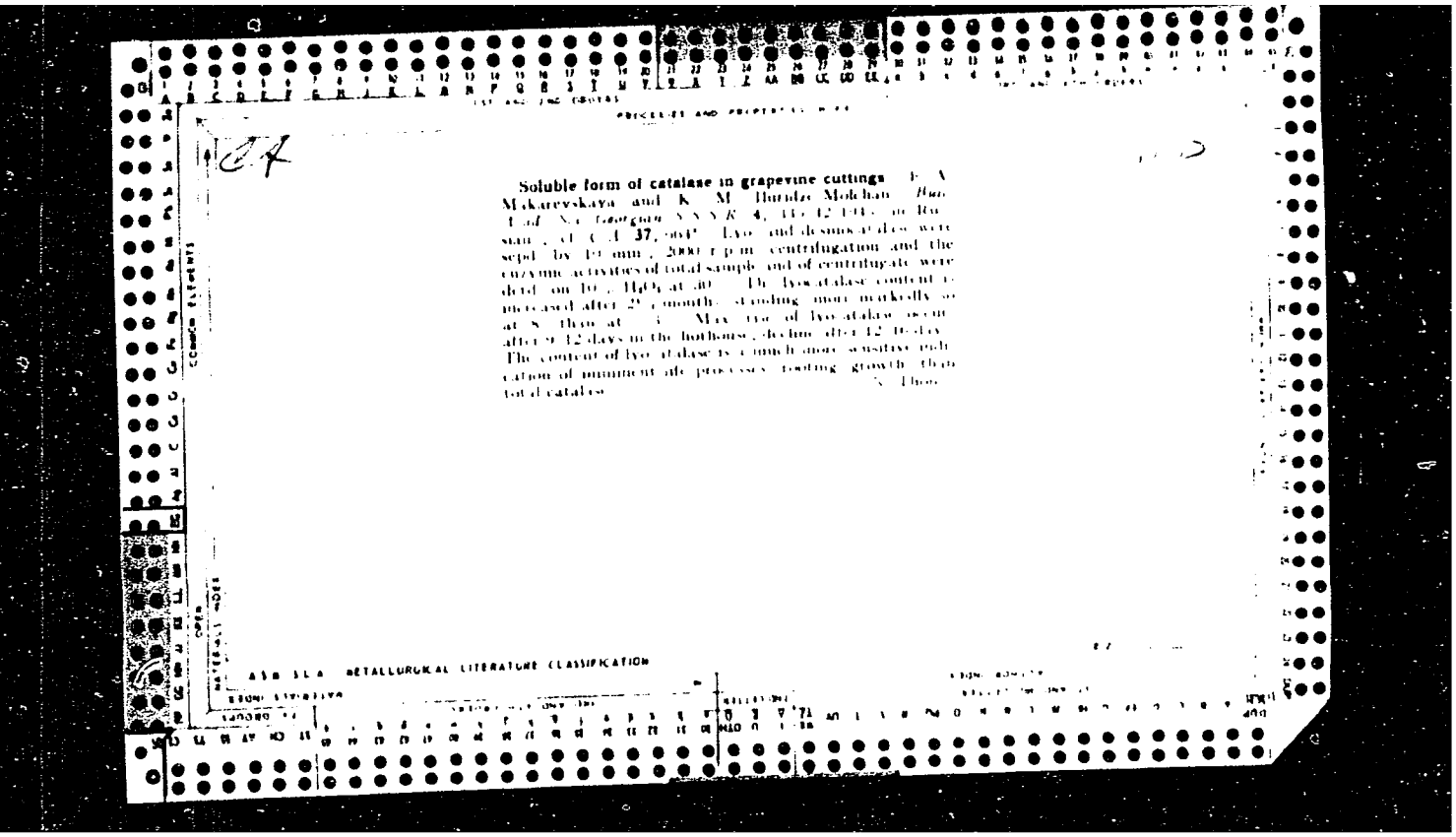

Soluble form of catalase in grapevine cuttings [illegible] A Makarevskaya and K M Iluridze Moldoan *Biul Tsul Sci Georgian* [illegible] 4, [illegible] in Russian, cf C A 37, [illegible] Lyo- and desmo-catalase were separ by [illegible] mm, 2000 r p m centrifugation and the enzyme activities of total sample and of centrifugate were detd on [illegible] H_2O_2 at 40° The lyo-catalase content is increased after 2° month, reaching max markedly so at 8° than at 4° Max rise of lyo-catalase occurs after 9-12 days in the hothouse, decline after 12 days The content of lyo-catalase is a much more sensitive indication of imminent life processes resting growth than total catalase [illegible]

A58 31A METALLURGICAL LITERATURE CLASSIFICATION

APPROVED FOR RELEASE: 06/20/2000 CIA-RDP86-00513R001031420017-2"

"APPROVED FOR RELEASE: 06/20/2000 CIA-RDP86-00513R001031420017-2

MAKAREVSKAYA Ye. A.

Kekelidze, T. A., Makarevskaya, Ye. A., [illegible] Chreiashvili, A. [illegible]
"The physiological activity of [illegible] left [illegible] of its [illegible]"
Trudy Inst. is, B tan. in-t, Vol. XII 19[illegible], [illegible]

SO: [illegible], 2[illegible] Oct 53, (Letopis 'Zhurnal'nykh Statey, [illegible], No. 1[illegible]).

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"APPROVED FOR RELEASE: 06/20/2000 CIA-RDP86-00513R001031420017-2

MAKAREVSKAYA, Ye. A.

"The Capacity for Water Saturation in Plant Chlorosis,"

SO: Dok. AN, 60, No. 4, 1948. Inst. of Bot., Acad. Sci., Georgian SSR, c1948-, and Inst. of Evolutionary Morph. im. A. N. Severtsov, Acad. Sci., c1948-.

"The Capacity for Water Saturation in Plant Chlorosis,"

SO: Dok. AN, 60, No. 4, 1948.

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"APPROVED FOR RELEASE: 06/20/2000 CIA-RDP86-00513R001031420017-2

MAKAREVSKAYA, Ye. A.

"Change of Bios Content in Regenerative Budding of Grape Vine,"

SO: Dok. AN, 61, No. 3, 1948. Botanical Institute, Georgian S.S.R. Academy of Sciences, -c1948-.

APPROVED FOR RELEASE: 06/20/2000 CIA-RDP86-00513R001031420017-2"

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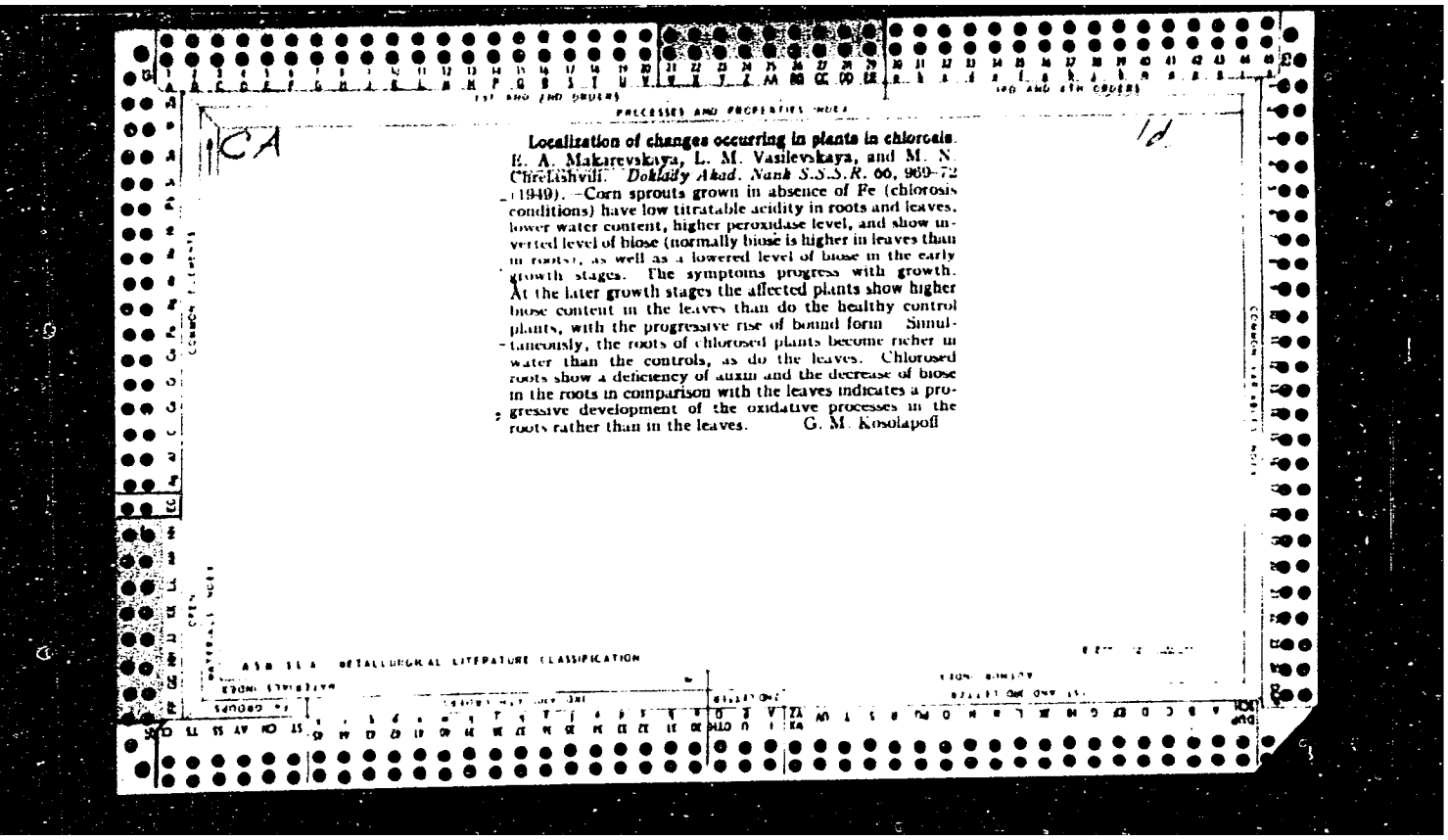

CA

Localization of changes occurring in plants in chlorosis. E. A. Makarevskaya, L. M. Vasilevskaya, and M. N. Chrelashvili. *Doklady Akad. Nauk S.S.S.R.* 66, 969–72 (1949). —Corn sprouts grown in absence of Fe (chlorosis conditions) have low titratable acidity in roots and leaves, lower water content, higher peroxidase level, and show inverted level of biose (normally biose is higher in leaves than in roots), as well as a lowered level of biose in the early growth stages. The symptoms progress with growth. At the later growth stages the affected plants show higher biose content in the leaves than do the healthy control plants, with the progressive rise of bound form. Simultaneously, the roots of chlorosed plants become richer in water than the controls, as do the leaves. Chlorosed roots show a deficiency of auxin and the decrease of biose in the roots in comparison with the leaves indicates a progressive development of the oxidative processes in the roots rather than in the leaves. G. M. Kosolapoff

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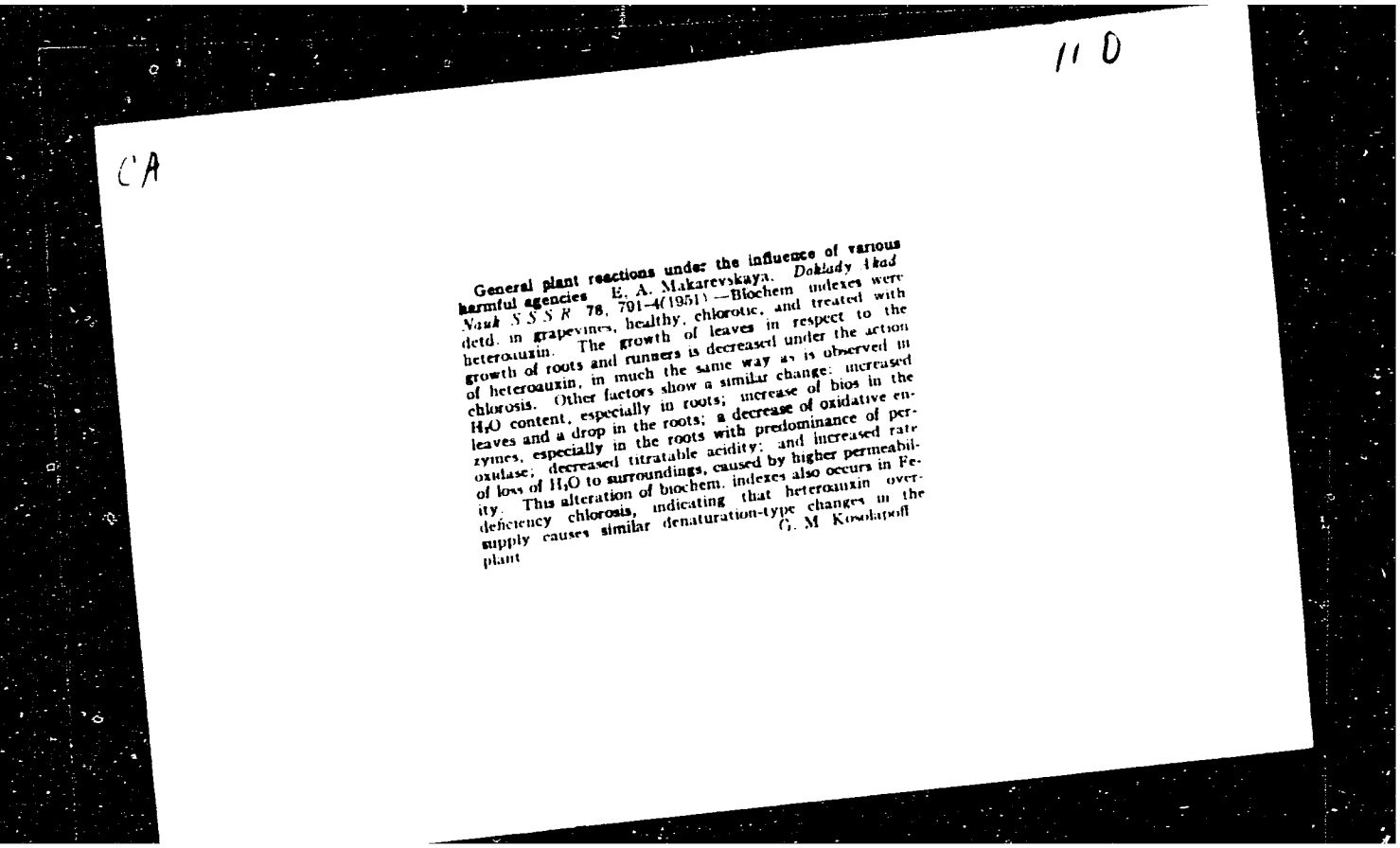

CA

11 D

General plant reactions under the influence of various harmful agencies. E. A. Makarevskaya. *Doklady Akad Nauk S.S.S.R.* 78, 791–4(1951).—Biochem. indexes were detd. in grapevines, healthy, chlorotic, and treated with heteroauxin. The growth of leaves in respect to the growth of roots and runners is decreased under the action of heteroauxin, in much the same way as is observed in chlorosis. Other factors show a similar change: increased H_2O content, especially in roots; increase of bios in the leaves and a drop in the roots; a decrease of oxidative enzymes, especially in the roots with predominance of peroxidase; decreased titratable acidity; and increased rate of loss of H_2O to surroundings, caused by higher permeability. This alteration of biochem. indexes also occurs in Fe-deficiency chlorosis, indicating that heteroauxin oversupply causes similar denaturation-type changes in the plant.

G. M. Kosolapoff

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110

CA

Two-phase changes observed in plants with chlorosis E. A. Makarevskaya. *Doklady Akad. Nauk S.S.S.R.* 78, 1043-8(1951).—Tobacco plants grown with or without Fe showed that the leaves of plants grown without Fe have less H_2O than those with Fe over the 1st 10 days after transplanting into the exptl. soln. Some 7 days later, however, the reverse phenomenon is observed and after 3–4 months the Fe-deficient plants show chlorosis and are much retarded in size. This 2-phase change apparently is connected with denaturation phenomena. The bios content of the chlorotic leaves is higher than normal, and a similar 2-phase alteration is observed. G. M. K.

Botany Inst., AS Geo SSR

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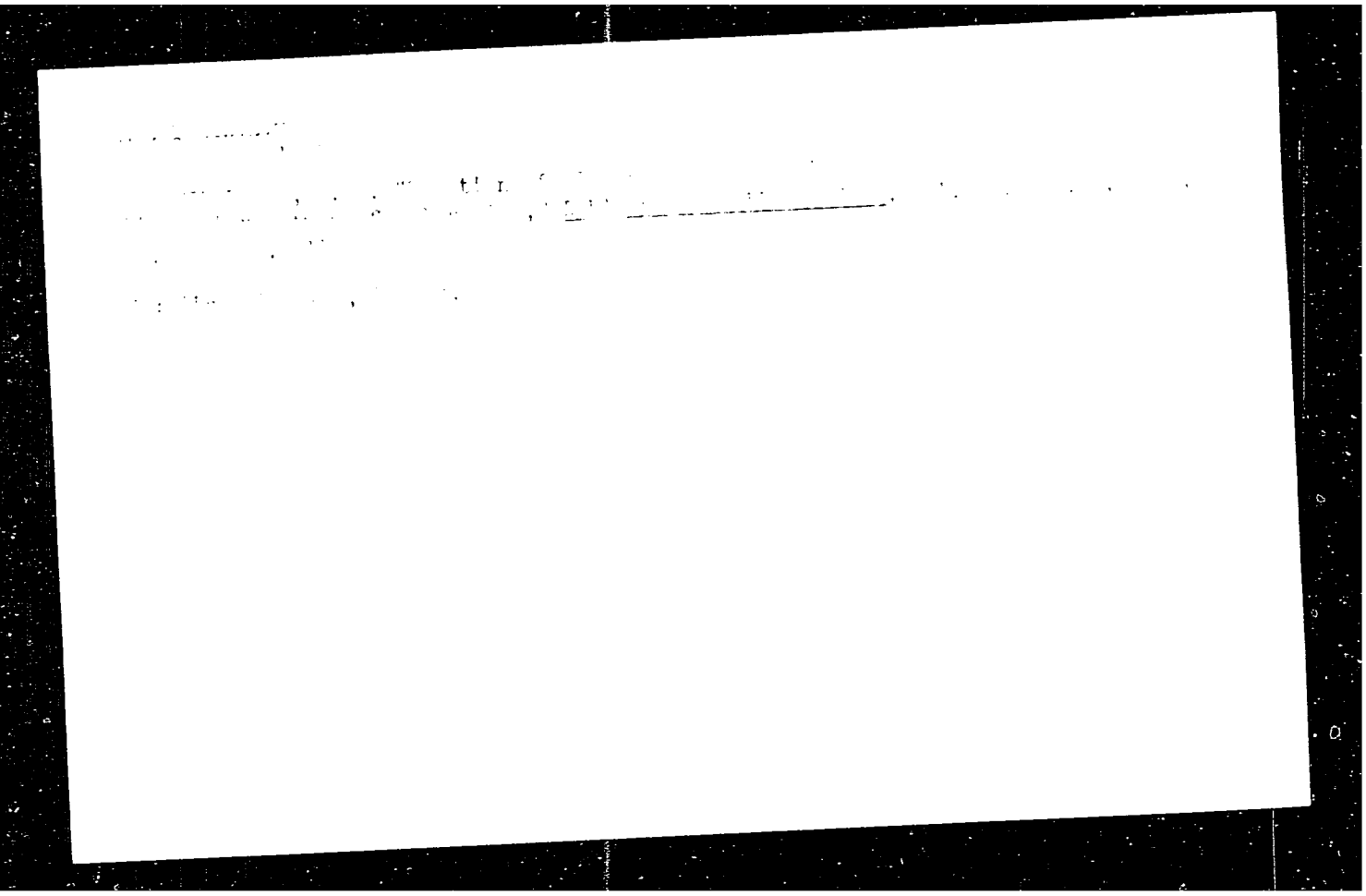

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"APPROVED FOR RELEASE: 06/20/2000 CIA-RDP86-00513R001031420017-2

MAKAREVSKAYA, YE. A.; MIKELADZE, E. G.

Lime as a Disinfectant, Grapes

Effect of lime water spraying on paired grapevine branches 577 and 3309., Dokl. AN SSSR, 81, no. 4, 1951. Institut Botaniki Akademii Nauk Gruz. SSR. rec. 2 Sept. 1951.

SO: Monthly List of Russian Accessions, Library of Congress, April 1953, Uncl.

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"APPROVED FOR RELEASE: 06/20/2000 CIA-RDP86-00513R001031420017-2

MAKAREVSKAYA, Ye.A.; CHRELASHVILI, M.N.; MIKELADZE, E.G.

Reaction of stock vines 5bb and 3309 to the absence of some elements of mineral nutrition. Trudy Tbil.bot.inst. no.16:107-130 '54. (MLRA 8:11)

(Plants, Effect of minerals on) (Viticulture)

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"APPROVED FOR RELEASE: 06/20/2000 CIA-RDP86-00513R001031420017-2

MAKAREVSKAYA, Ye.A.; MIKELADZE, E.G.

Variation in the nitrogen and bios content of chlorisis-resistant and susceptible grape rootstock. Trudy Tbil. bot. inst. 18:115-132 '56. (MLRA 10:4)
(Georgia--Grapes--Disease and pest resistance)
(Chlorisis (Plants))

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USSR/Cultivated Plants. Fruit Trees. Small Fruit Plants. M

Abs Jour: Ref Zhur-Biol., No 17, 1958, 77858.

Author : Makarevskaya, Ye. A.; Mikeladze, E.G.
Inst : Tbilisi Botanical Institute, AS Georgian SSR.
Title : Influence of Different Fertilizers on the Content of Total Nitrogen and Free Bios in the Leaves of the Osier Aligote.

Orig Pub: Tr. Tbilissk. botan. in-ta AN GruzSSR, 1956, 18, 133-138.

Abstract: In 1951 and 1952, the Section of Anatomy and Physiology of Plants of the Tbilisi Botanical Institute conducted an analysis of the fifth, sixth and seventh leaves (from the summit) of shoots of Aligote on the basis of different

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"APPROVED FOR RELEASE: 06/20/2000 CIA-RDP86-00513R001031420017-2

MAKAREVSKAYA, Ye.A.; MIKELADZE, E.G.

Variations in the sugar content of year-old grapevine grafts. Soob. AN Gruz. SSR 26 no.4:427-432 Ap '61. (MIRA 14:8)

1. Institut botaniki AN GruzSSR, Tbilisi. Predstavleno akademikom L.I. Dzhaparidze.
(Grapes)
(Grafting)
(Sugars)

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"APPROVED FOR RELEASE: 06/20/2000 CIA-RDP86-00513R001031420017-2

MAKARIEVA, YE. A.

Dissertations defended at the Institute of Plant Physiology imeni K. A. Timiryazev for the academic degree of Doctor of Biological Sciences:

"Physiology of Regenerative Processes in the Grapevine."

Vestnik Akad Nauk, No. 4, 1963, pp. 119-145

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L 24790-66 EWT(l)/EWP(m)/EPF(n)-2/EWA(d)/ETC(m)-6 JKT/TCH/WW/JT
ACC NR: AP6010041 SOURCE CODE: UR/0209/66/000/003/0030/0034

AUTHOR: Makarevskiy, A. (Corresponding member AN SSSR); Sememova, N.

ORG: none

TITLE: Central Scientific Research Institute of Aerohydrodynamics and the development of the aeronautical sciences

SOURCE: Aviatsiya i kosmonavtika, no. 3, 1966, 30-34

TOPIC TAGS: aerodynamic research facility, hydrodynamics, aerodynamics, aeronautic engineering

ABSTRACT: The Central Scientific Research Institute of Aerohydrodynamics (TsAGI), was founded in 1918 by N. Ye. Zhukovskiy to conduct aerodynamic and hydrodynamic research, to provide an experimental data base for aviation, and to provide education and experience for research and engineering personnel. The work of TsAGI proved to be exceedingly fruitful, and in 1930—1932, several of the Institute's departments were granted independent status and became institutes (TsVEI--Central Wind Energy Institute; VIGM--All-Union Institute of Hydraulic Machine Building; VIAM - All-Union Institute of Aviation Materials; TsIAM - Central Institute of Aviation Engine Building). After this reorganization, TsAGI's main fields of concentration were aerodynamics and strength of aircraft, hydrodynamics of high-speed motion on water, and some problems of industrial aerodynamics. Later in the

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thirties, TsAGI's departments of aviation, sea-plane aviation, and experimental building became an organizationally separate establishment, the Experimental Design Bureau (OKB). During WW II, TsAGI's main efforts were directed toward the modification and improvement of individual components of operational aircraft which would increase their efficiency without incurring major changes in widespread lot production. During the post-war period the Institute's experimental facilities were reconstructed for research on high-speed reaction-propulsion aircraft, which became the main area of TsAGI's activity. Another task was the research and development of helicopters, which was done jointly with OKB. TsAGI is also credited with laying the scientific basis for the development of industrial marine aerodynamics and aerohydrodynamics, industrial air ducting, and fan building, wind utilization, and wind engine building. Orig. art. has: 8 figures. [SA]

SUB CODE: 01/ SUBM DATE: none/

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"APPROVED FOR RELEASE: 06/20/2000 CIA-RDP86-00513R001031420017-2

MAKAREVSKIY, A. I., FRANZUS, G. A.

Forces Acting upon the Aircraft in Flight and in Landing, BNT, 1943.

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"APPROVED FOR RELEASE: 06/20/2000 CIA-RDP86-00513R001031420017-2

S/264/62/000/011/001/005
D036/D114

AUTHOR: Makarevskiy, A. I.

TITLE: Strength problems

PERIODICAL: Referativnyy zhurnal, Vozdushnyy transport, no. 11, 1962, 7, abstract 11A35 (Aviatsiya i kosmonavtika, no. 6, 1962, 61-66)

TEXT: The author describes the historical development of the science dealing with the strength of flying craft structures, and the present state of research into static and fatigue strength and aeroelasticity. [Abstracter's note: Complete translation].

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"APPROVED FOR RELEASE: 06/20/2000 CIA-RDP86-00513R001031420017-2

MAKAREVSKIY, I. I.

"The Admission of Direct Solar Radiation by the Clouds of the Upper Stratum," Zhurn. geofiziki, No 3, 1932.

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"APPROVED FOR RELEASE: 06/20/2000 CIA-RDP86-00513R001031420017-2

MAKAREVSKIY, V., polkovnik.

"Voenno-inzhenernyi zhurnal" during the Great Patriotic War and in the postwar period. Voen.-inzh.zhur.101 no.3:15-21 Mr '57. (MLRA 10:3)

(Military engineering--Periodicals)

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"APPROVED FOR RELEASE: 06/20/2000 CIA-RDP86-00513R001031420017-2

MAKAREVSKIY, V., polkovnik

Engineer training of sub units. Voen. vest. 39 no.6:56-58 Je '59. (MIRA 12:9)
(Military training) (Military engineering)

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"APPROVED FOR RELEASE: 06/20/2000 CIA-RDP86-00513R001031420017-2

MAKAREVSKIY, V., general-mayor inzhenernykh voysk

Important condition for success. Voen. vest. 42 no.7:79-81 Jl '62. (MIRA 15:6)
(Pontoon-bridges)

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"APPROVED FOR RELEASE: 06/20/2000 CIA-RDP86-00513R001031420017-2

MAKAREWICZ, Aniela

The conversion of genes. Kosmos biol 10 no.5:443-454 '61.

(HEREDITY)

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"APPROVED FOR RELEASE: 06/20/2000 CIA-RDP86-00513R001031420017-2

MAKAREWICZ, A.

First results of genetic analysis in series 726 of Ascobolus immersus. Acta soc botan Pol 33 no.1:1-8 '64

1. Department of General Genetics, Polish Academy of Sciences, Warsaw.

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"APPROVED FOR RELEASE: 06/20/2000 CIA-RDP86-00513R001031420017-2

MAKAREWICZ, J.

A case of exceptionally late relapse of typhoid fever treated with chloramphenicol. Polski tygod. lek. 7 no. 40:1258-1261 6 Oct 1952. (CIML 24:1)

1. Of the Clinic of Infectious Diseases (Director--Prof. Wiktor Bincer, M.D.) of Gdansk Medical Academy.

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"APPROVED FOR RELEASE: 06/20/2000 CIA-RDP86-00513R001031420017-2

MAKAREWICZ, Jan

Paranasal simusitis as a cause of diagnostic errors in typhoid fever. Przegl.epidem.,Warsz.9 no.2:119-120 1955.

1. Z Kliniki Chorob Zakaznych Akademii Medycznej w Gdansku. Kierownik: prof. dr W. Bincer.
(SINUSITIS, differential diagnosis, typhoid fever)
(TYPHOID FEVER, differential diagnosis, simusitis)

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"APPROVED FOR RELEASE: 06/20/2000 CIA-RDP86-00513R001031420017-2

MAKAREWICZ, Jan

Seasonal factor in recurrence of typhus abdominalis. Przegl. epidem., Warsz. 10 no.1:43-48 1956.

1. Z Kliniki Chorob Zakaznych A. M. w Gdansku Kierownik Kliniki: prof. dr. W. Bincer.

(TYPHOID FEVER, physiology,
recur., seasonal factors. (Pol))
(CLIMATE,
seasonal factors in recur. of typhoid fever. (Pol))

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GEORGIADES, J.; MORZYCKA, M.; MAKAREWICZ, J.; RODKIEWICZ, T.

Vaccination with Koprowski's live attenuated polio vaccine in the area of Gdansk and Olsztyn provinces. II. Results of viral examinations of persons vaccinated with live, attenuated poliovirus vaccine. Bull. Inst. Marine M Gdansk 12 no.1/2:29-36 '61.
(POLIOMYELITIS immunol) (VACCINATION)

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"APPROVED FOR RELEASE: 06/20/2000 CIA-RDP86-00513R001031420017-2

MAKAREWICZ, J

POLAND

KULESZA, Aleksandra; Department of Epidemiology (Zaklad Epidemiologii), PZH (Panstwowy Zaklad Higieny -- State Institute of Hygiene), Director: Prof Dr J. KOSTRZEWSKI, Head of the Institute: Prof Dr E. PRZESMYCKI; with the collaboration of J. GOLBA, T. JOPKIEWICZ, M. KACPRZAK, W. KOCIELSKA, M. KOPEC, K. LIPINSKA, R. LUTYNSKI, J. MAKAREWICZ, H. MALYSZKO, E. NEYMAN, A. OLES, S. PESKA, W. POPIELEWICZ, T. RODKIEWICZ, J. ROZWADOWNA, W. SOCZEWICA, S. SZCZESNIAK, D. ZOLNIERZOWA all of the Wojewodztwo Health and Epidemiological Stations (Wojewodzkie Stacje Sanitarno-Epidemiologiczne); H. BOBROWSKI, A. GECOW, J. GELBER, M. GRUSZCZYNSKA, H. JASTRZEBSKA, E. JUZWA, J. KUROCZKIN, Z. RESZKE, R. STANCZYK, J. SYGNATOWICZOWA, Z. SZCZERSKA, K. SZCZYGIELSKI, S. SZYNDLAR, K. SWICOWA, J. WAJSZCZUK, R. WARZECHA all of the Departments of Poliomyelitis Patients (Oddzialy dla Chorych na Poliomyelitis) of the Wojewodztwo Health and Epidemiological Stations; J. ADAMSKI (Poznan), H. DOBROWOLSKA (Warsaw), J. BOCHENSKA (Lodz), M. KOENIG (Krakow); H. DOBROWOLSKA of the Department of Virology (Zaklad Wirusologii) of PZH,

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POLAND

Director: Prof Dr F. PRZESMYCKI, technical aid: A. BACINSKA

"Epidemic Situation of Poliomyelitis in Poland in 1961"

Warsaw, Przegląd Epidemiologiczny, Vol XVI, No 4, 1962, pp369-375.

Abstract: [Author's English summary modified] The profound influence on the epidemiology, etiology and clinical picture of poliomyelitis of the introduction of mass immunization with attenuated polio vaccines in 1959 is discussed. Observations on the influence and effect of immunizations with such vaccines on the epidemic situation of poliomyelitis in Poland are reported. 4 tables, 2 diagrams; 5 Polish references.

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MAKAREWICZ, J.

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POLAND

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"Safety of Immunization with the Attenuated Polio Virus

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POLAND

Strains Type 1 Chat and Type 3 W Fox''

Warsaw, Przegląd Epidemiologiczny, Vol XVI, No 4, 62, pp 377-383.

Abstract: [Author's English summary modified] An epidemical, clinical and virological analysis of poliomyelitis in Poland was made within 6 weeks after completion of oral immunization with polio virus type 1 Chat and type 3 W Fox. Investigations made in 1959 and 1960 show the complete safety of Koprowski's attenuated oral vaccine type 1 Chat. The strain 3 W Fox is indicated as a pathogenic one and its uncertain safety found by investigations in 1960 has been confirmed. 8 tables; 2 diagrams; 9 references, 2 Polish the rest Western.

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